

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029245.D
 Acq On : 20 Jun 2024 09:28
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 01:20:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 20 00:39:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	286309	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	259575	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126705	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	86962	21.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
7) Chloroethane-d5	2.899	69	68825	20.566	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	4.021	65	41708	21.798	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.200%
21) 2-Butanone-d5	7.075	46	50507	42.600	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.200%
24) Chloroform-d	7.648	84	188945	22.123	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.480%
26) 1,2-Dichloroethane-d4	8.301	65	103978	21.204	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	8.270	84	371091	23.537	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	9.270	67	116233	23.192	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	10.319	98	336994	24.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.640%
43) trans-1,3-Dichloroprop...	10.575	79	44763	22.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.640%
47) 2-Hexanone-d5	10.922	63	35884	45.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88360	22.151	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	106880	24.302	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	69298	24.809	ug/L	100
3) Chloromethane	2.223	50	91384	22.944	ug/L	98
5) Vinyl chloride	2.375	62	110885	24.243	ug/L	97
6) Bromomethane	2.790	94	63853	23.227	ug/L	91
8) Chloroethane	2.936	64	69741	24.929	ug/L	99
9) Trichlorofluoromethane	3.265	101	96141	27.112	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	98620	25.224	ug/L #	61
12) 1,1-Dichloroethene	4.045	96	91301	27.521	ug/L	76
13) Acetone	4.119	43	63435	62.958	ug/L	97
14) Carbon disulfide	4.393	76	272914	25.201	ug/L	99
15) Methyl Acetate	4.667	43	47900	23.947	ug/L	99
16) Methylene chloride	4.917	84	102317	20.324	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	98486	26.732	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	154920	26.283	ug/L	98
19) 1,1-Dichloroethane	6.216	63	207407	26.066	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	110776	27.267	ug/L	97
22) 2-Butanone	7.167	43	75140	54.403	ug/L	97
23) Bromochloromethane	7.508	128	46111	25.496	ug/L	94
25) Chloroform	7.673	83	204681	26.343	ug/L	98

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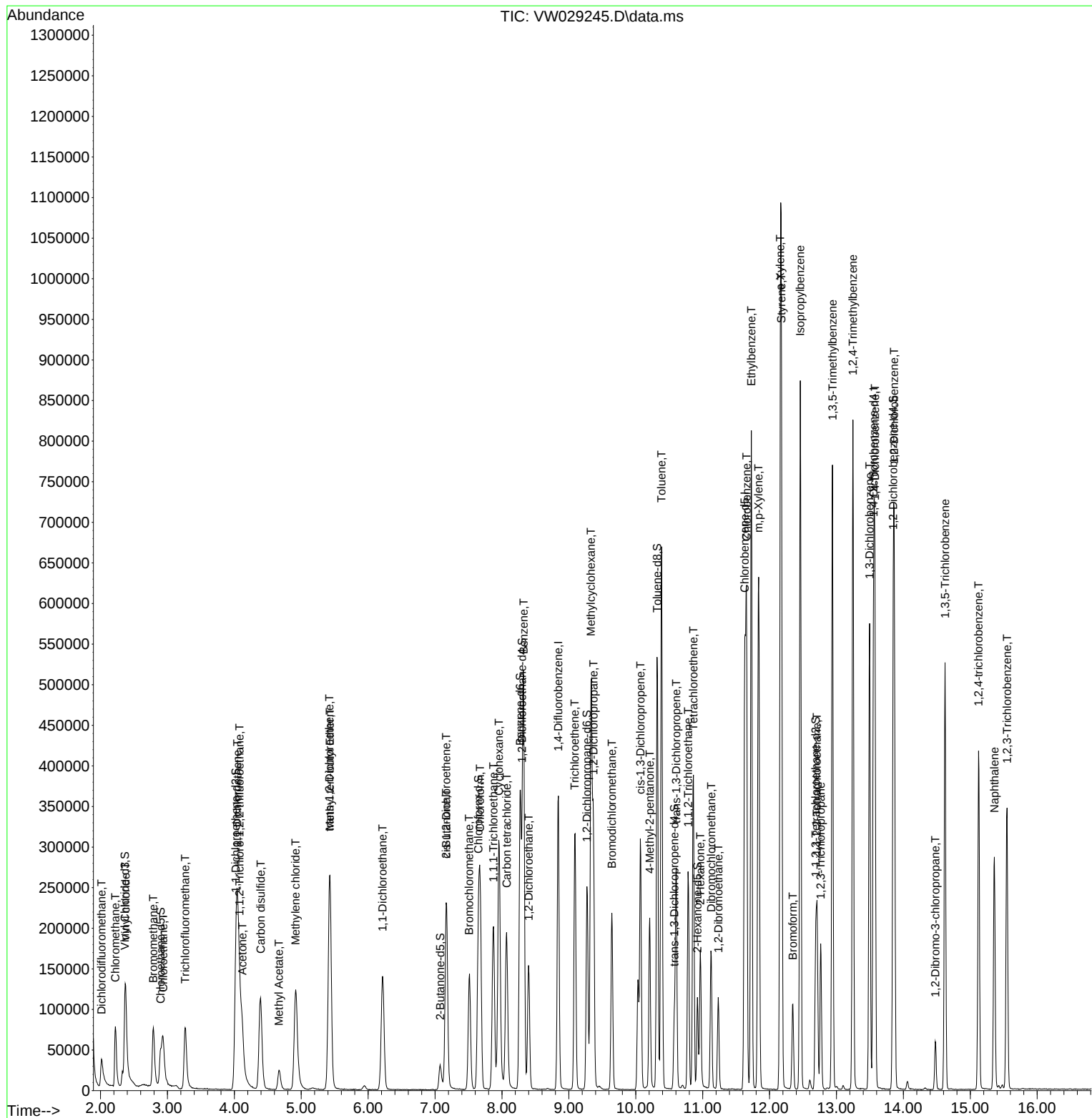
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	141414	24.677	ug/L	99
29) Cyclohexane	7.953	56	178899	30.147	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	163137	28.263	ug/L	97
31) Carbon tetrachloride	8.069	117	145329	27.562	ug/L	97
33) Benzene	8.325	78	440002	28.211	ug/L	100
34) Trichloroethene	9.087	95	113334	27.237	ug/L	93
35) Methylcyclohexane	9.331	83	194149	29.668	ug/L	97
37) 1,2-Dichloropropane	9.368	63	119444	27.254	ug/L	98
38) Bromodichloromethane	9.642	83	143252	26.734	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	173458	27.999	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	143477	52.820	ug/L	98
42) Toluene	10.386	91	465432	29.028	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	145298	27.776	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	79611	26.082	ug/L	96
46) Tetrachloroethene	10.861	164	81769	28.111	ug/L	95
48) 2-Hexanone	10.965	43	112519	58.377	ug/L	99
49) Dibromochloromethane	11.130	129	87344	27.375	ug/L	97
50) 1,2-Dibromoethane	11.233	107	73196	26.715	ug/L	100
51) Chlorobenzene	11.654	112	289266	27.782	ug/L	99
52) Ethylbenzene	11.727	91	532780	29.273	ug/L	99
53) m,p-Xylene	11.837	106	196499	29.558	ug/L	98
54) o-Xylene	12.160	106	187160	30.123	ug/L	95
55) Styrene	12.178	104	317754	29.332	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	98494	26.087	ug/L	98
59) Bromoform	12.349	173	45752	26.346	ug/L	99
60) Isopropylbenzene	12.459	105	521669	30.899	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	73466	26.583	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	381473	31.199	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	415876	31.612	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	219548	30.050	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	216449	27.844	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	195741	28.980	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	15568	24.139	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	141076	28.611	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	114613	28.674	ug/L	96
71) Naphthalene	15.360	128	231575	29.354	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105838	29.060	ug/L	96

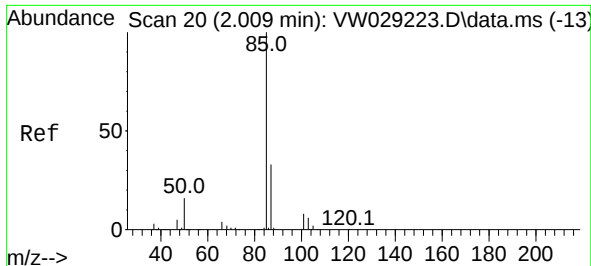
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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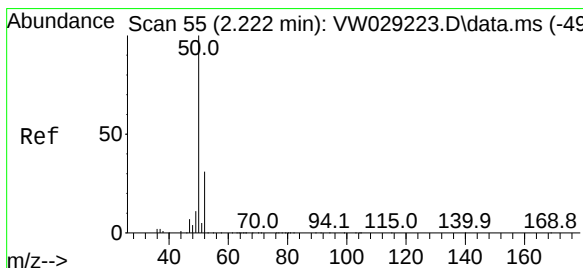
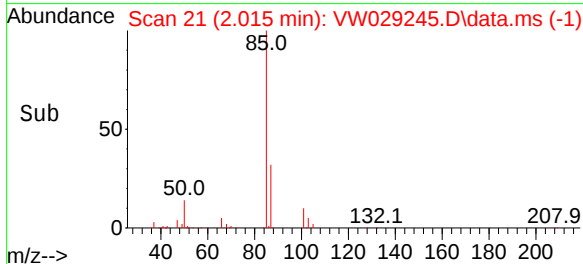
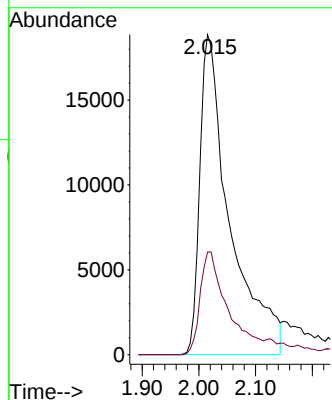
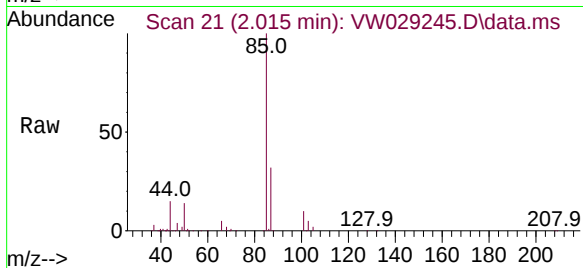




#2
Dichlorodifluoromethane
Concen: 24.809 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

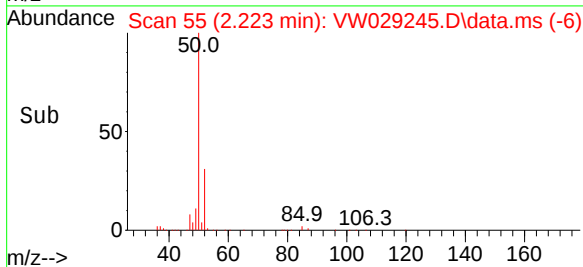
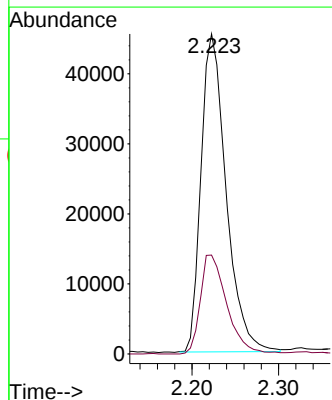
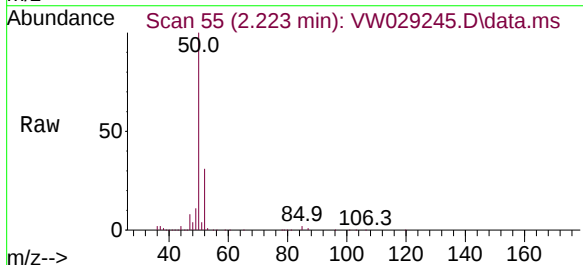
Instrument :
MSVOA_W
ClientSampleId :

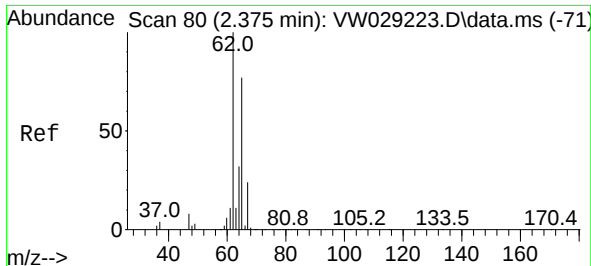
Tgt Ion: 85 Resp: 69298
Ion Ratio Lower Upper
85 100
87 29.8 23.8 35.6



#3
Chloromethane
Concen: 22.944 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

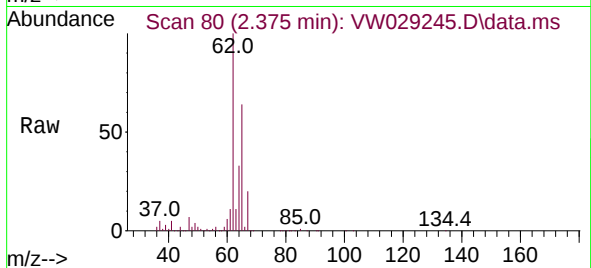
Tgt Ion: 50 Resp: 91384
Ion Ratio Lower Upper
50 100
52 30.9 22.3 41.5



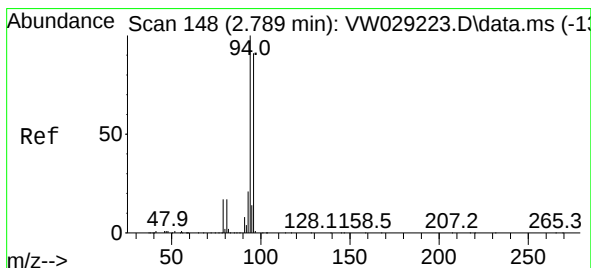
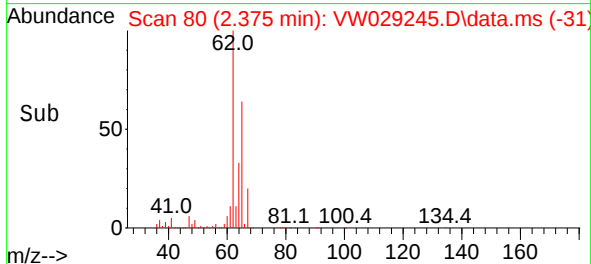
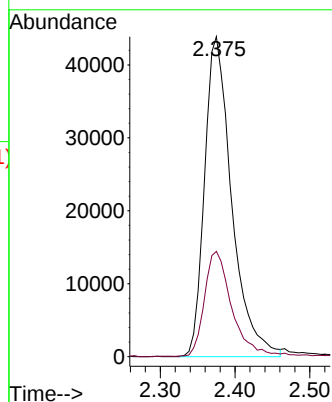


#5
 Vinyl chloride
 Concen: 24.243 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029245.D
 Acq: 20 Jun 2024 09:28

Instrument :
 MSVOA_W
 ClientSampleId :

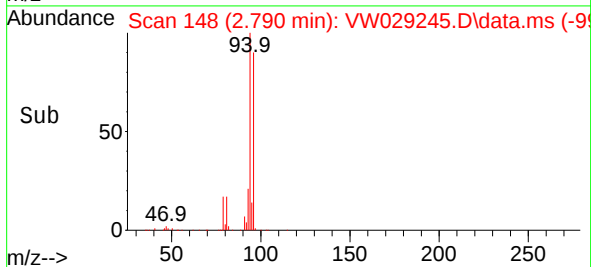
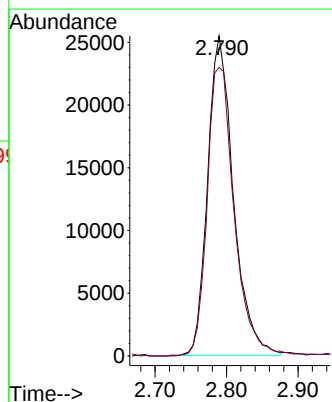
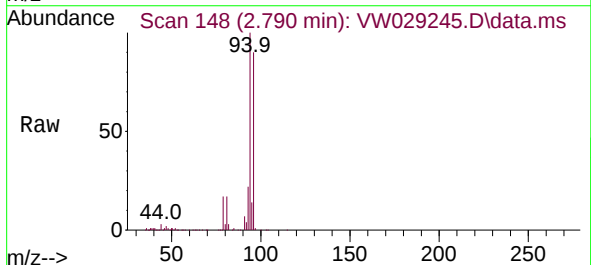


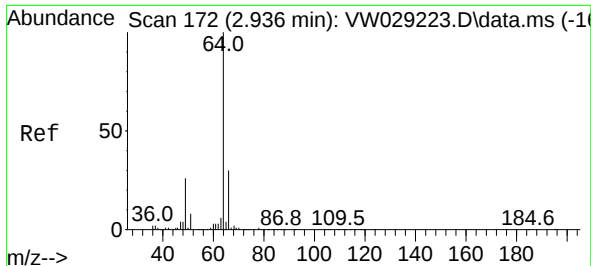
Tgt Ion: 62 Resp: 110885
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.0 40.8



#6
 Bromomethane
 Concen: 23.227 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029245.D
 Acq: 20 Jun 2024 09:28

Tgt Ion: 94 Resp: 63853
 Ion Ratio Lower Upper
 94 100
 96 90.2 69.5 129.1

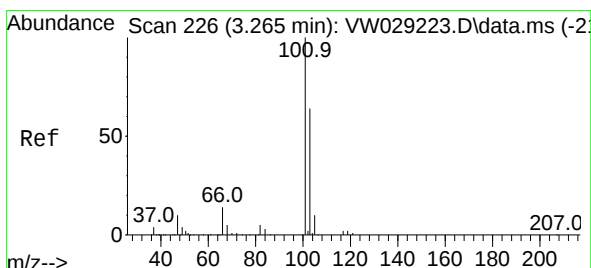
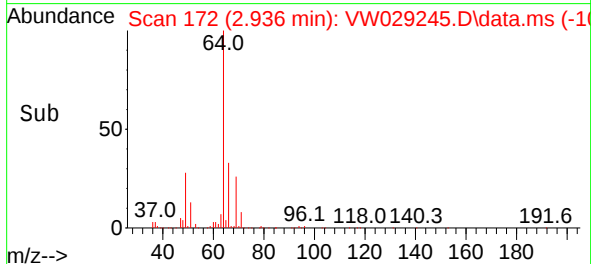
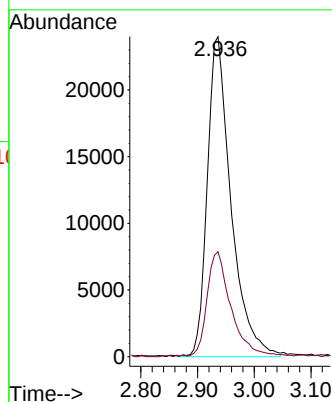
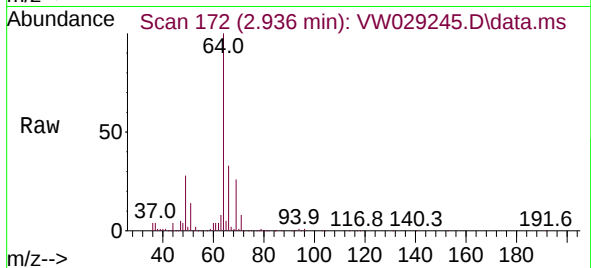




#8
Chloroethane
Concen: 24.929 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

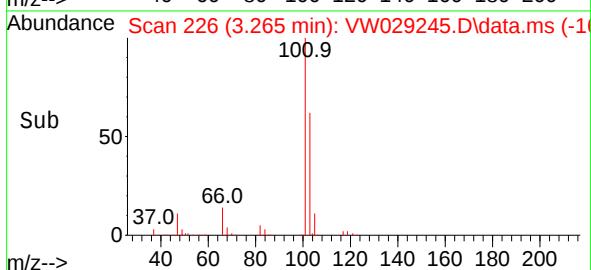
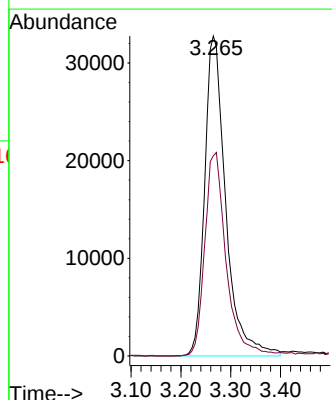
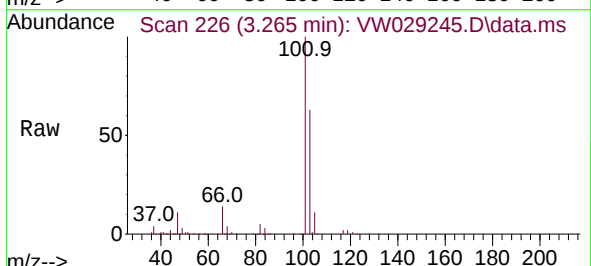
Instrument :
MSVOA_W
ClientSampleId :

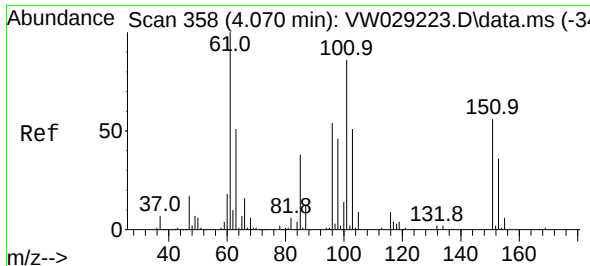
Tgt Ion: 64 Resp: 69741
Ion Ratio Lower Upper
64 100
66 32.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 27.112 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

Tgt Ion:101 Resp: 96141
Ion Ratio Lower Upper
101 100
103 64.5 50.8 76.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.224 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

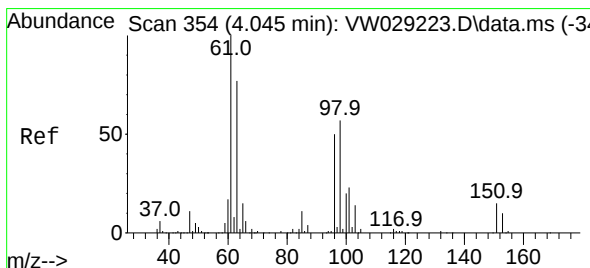
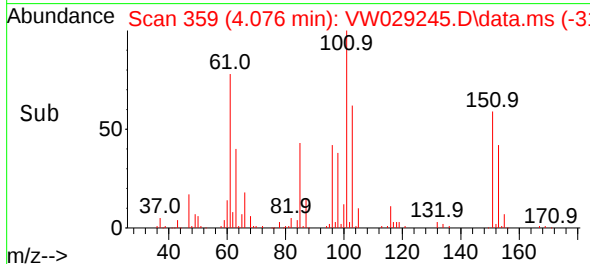
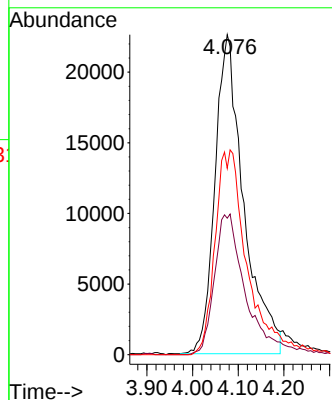
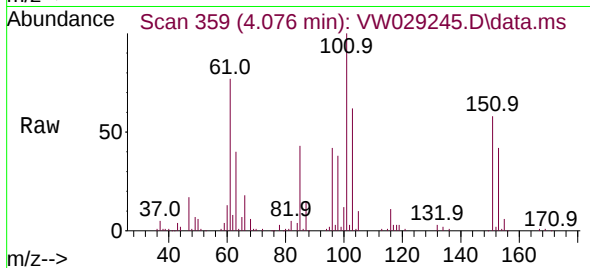
Tgt Ion:101 Resp: 98620

Ion Ratio Lower Upper

101 100

85 21.1 30.2 45.2#

151 29.3 52.2 78.4#



#12

1,1-Dichloroethene

Concen: 27.521 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

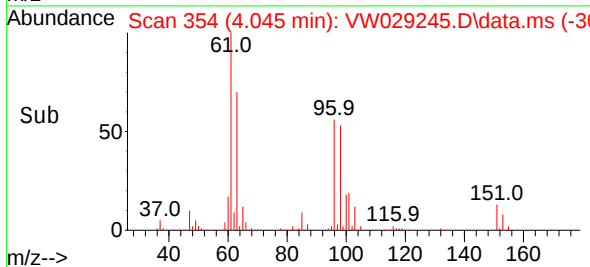
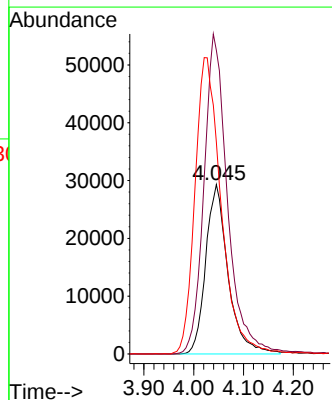
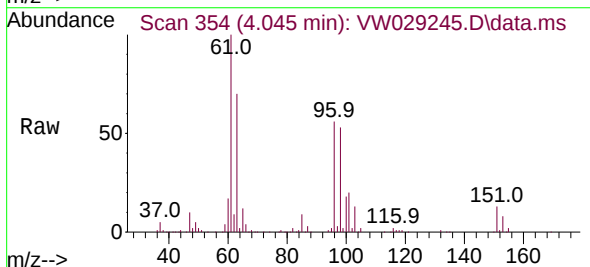
Tgt Ion: 96 Resp: 91301

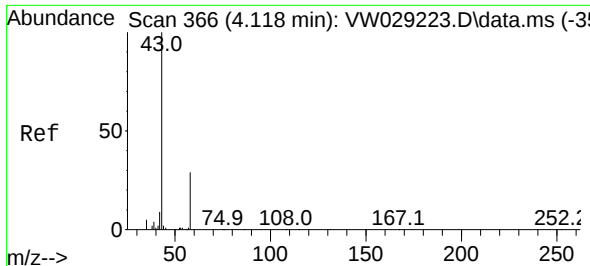
Ion Ratio Lower Upper

96 100

61 179.2 140.1 260.3

63 125.0 122.0 226.6

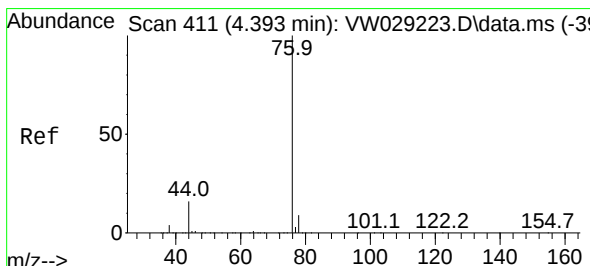
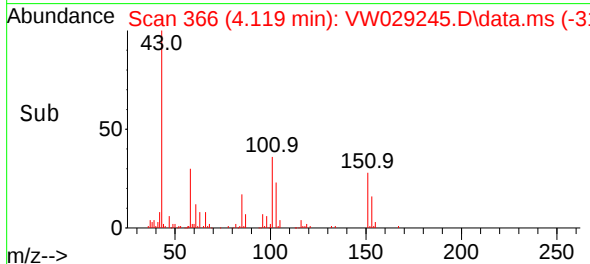
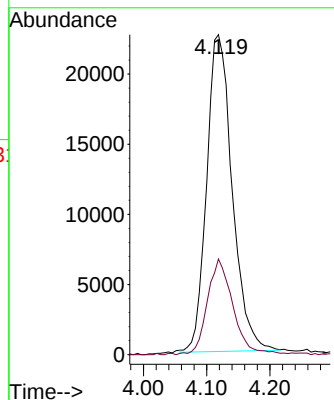
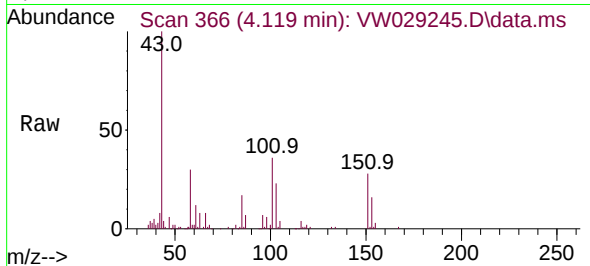




#13
Acetone
Concen: 62.958 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

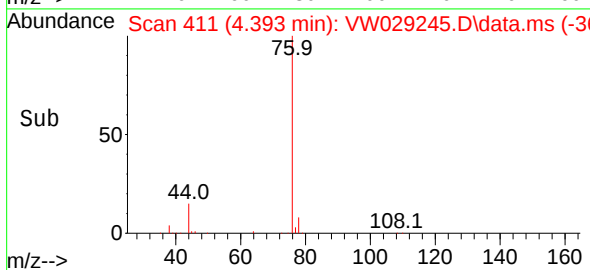
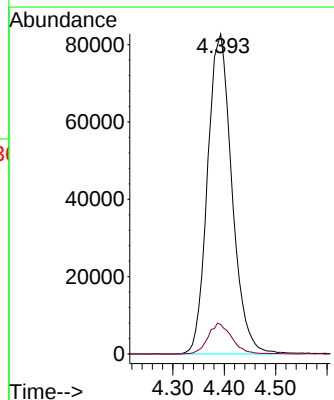
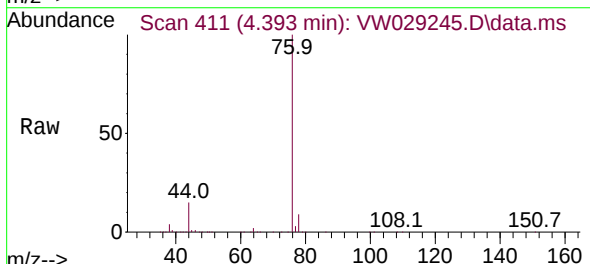
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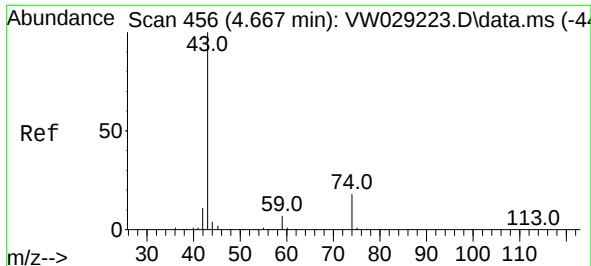
Tgt Ion: 43 Resp: 63435
Ion Ratio Lower Upper
43 100
58 29.2 0.0 61.4



#14
Carbon disulfide
Concen: 25.201 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 272914
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

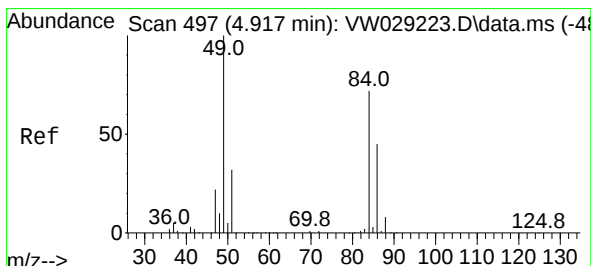
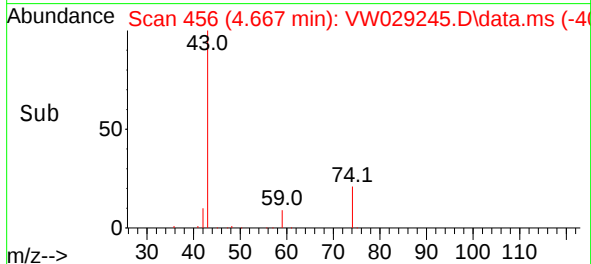
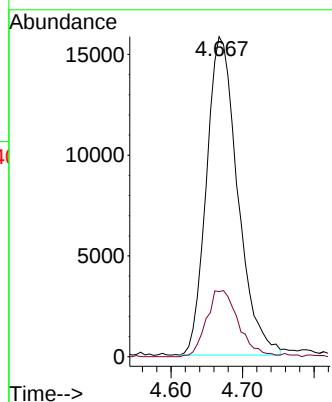
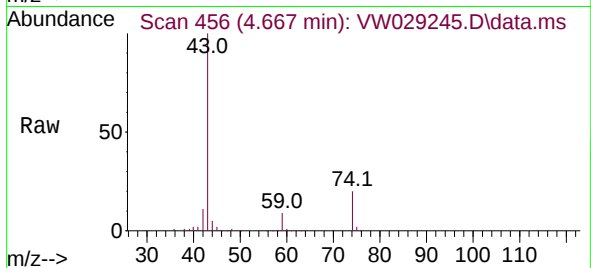




#15
Methyl Acetate
Concen: 23.947 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

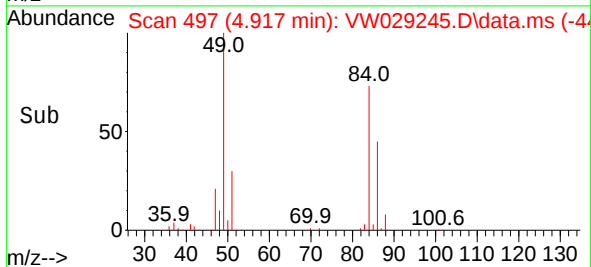
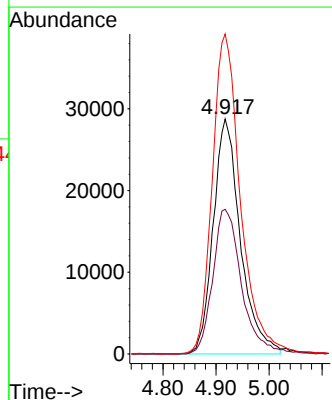
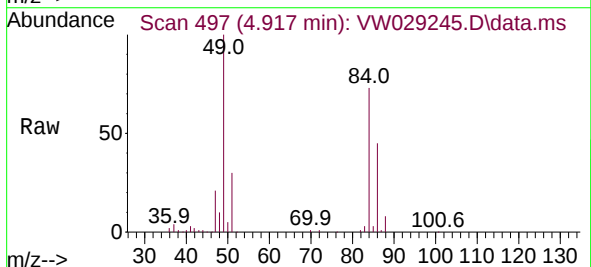
Instrument :
MSVOA_W
ClientSampleId :

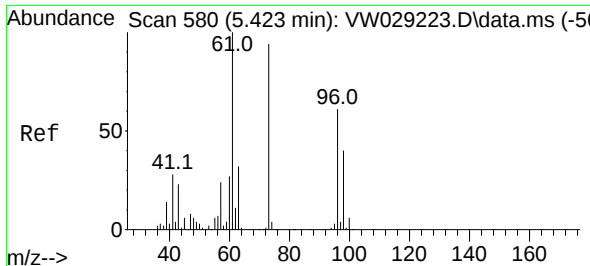
Tgt Ion: 43 Resp: 47900
Ion Ratio Lower Upper
43 100
74 21.3 16.6 25.0



#16
Methylene chloride
Concen: 20.324 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

Tgt Ion: 84 Resp: 102317
Ion Ratio Lower Upper
84 100
86 61.5 41.4 77.0
49 136.2 95.7 177.7

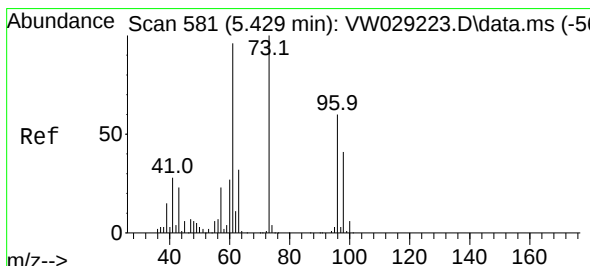
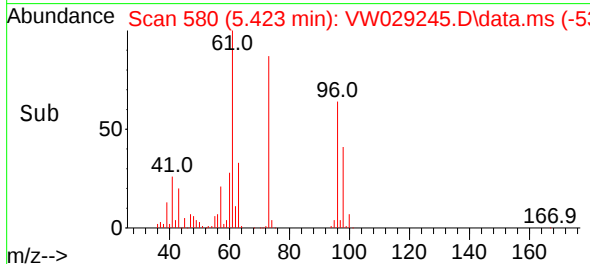
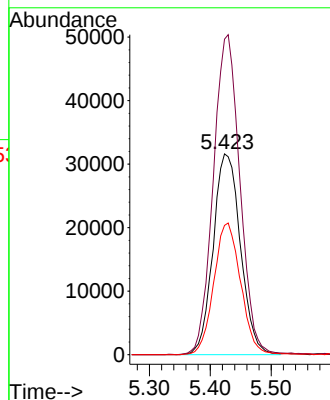
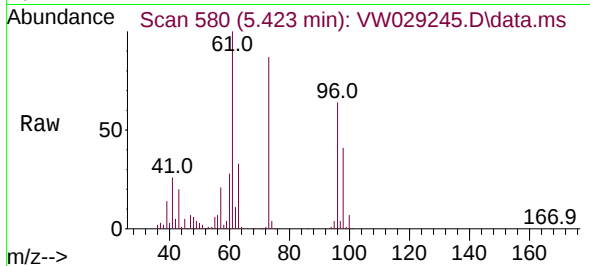




#17
trans-1,2-Dichloroethene
Concen: 26.732 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

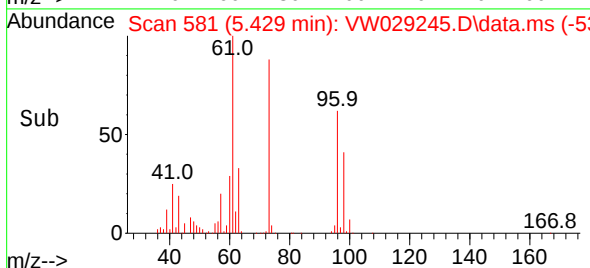
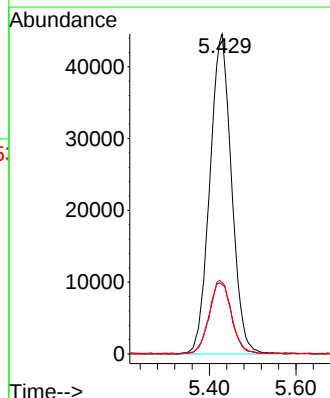
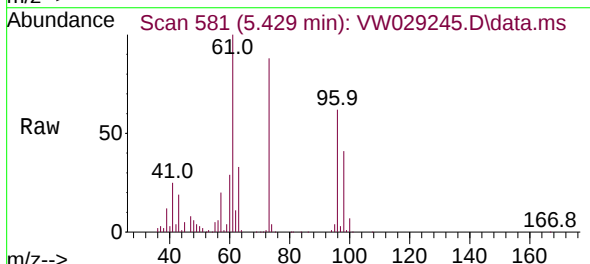
Instrument :
MSVOA_W
ClientSampleId :

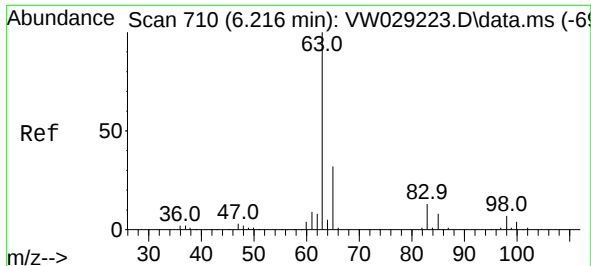
Tgt Ion: 96 Resp: 98486
Ion Ratio Lower Upper
96 100
61 157.1 101.5 188.5
98 64.4 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 26.283 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

Tgt Ion: 73 Resp: 154920
Ion Ratio Lower Upper
73 100
43 22.8 19.5 29.3
57 22.6 18.4 27.6





#19

1,1-Dichloroethane

Concen: 26.066 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

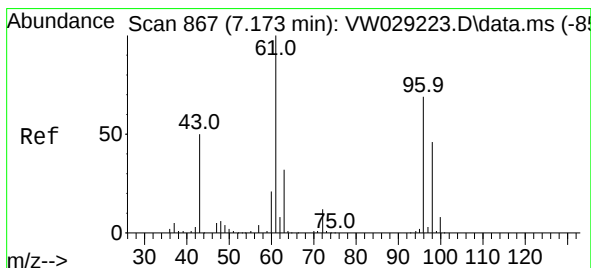
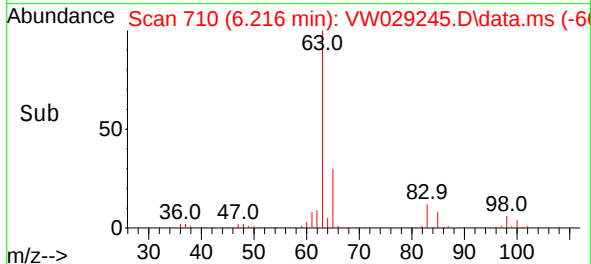
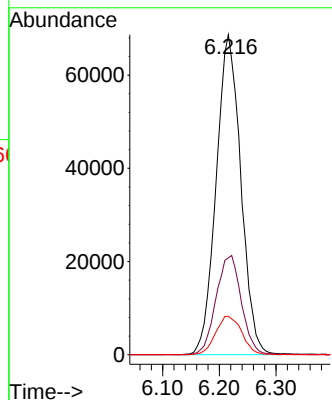
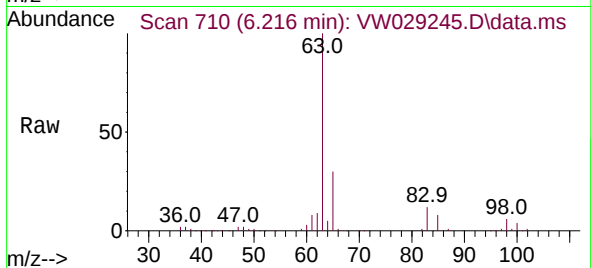
Tgt Ion: 63 Resp: 207407

Ion Ratio Lower Upper

63 100

65 30.2 23.4 43.4

83 12.0 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 27.267 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

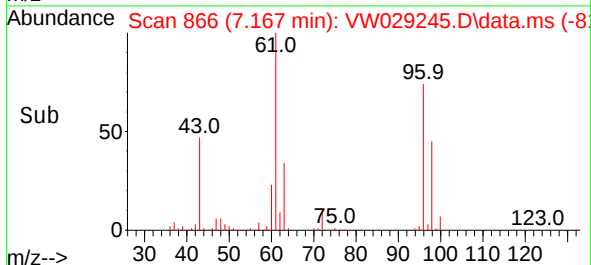
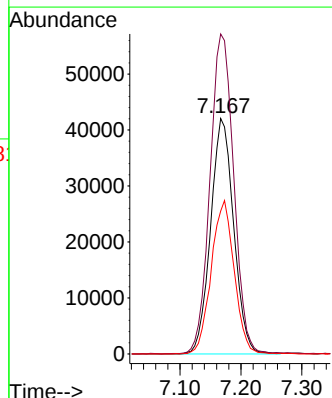
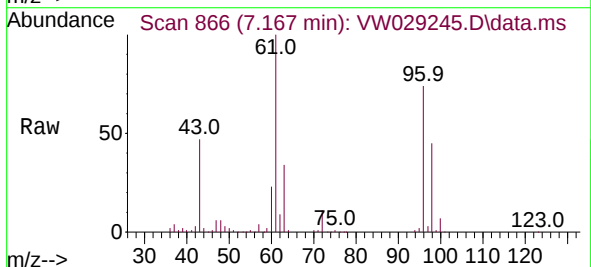
Tgt Ion: 96 Resp: 110776

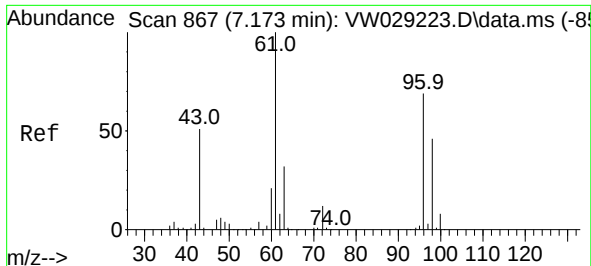
Ion Ratio Lower Upper

96 100

61 135.8 97.8 181.6

98 60.6 43.0 79.8





#22

2-Butanone

Concen: 54.403 ug/L

RT: 7.167 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

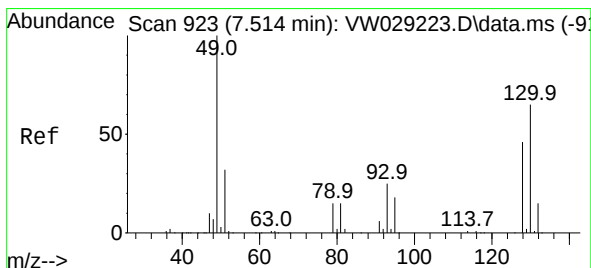
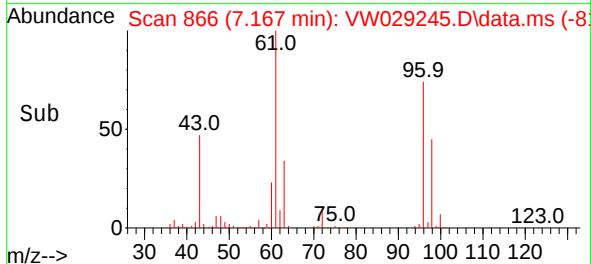
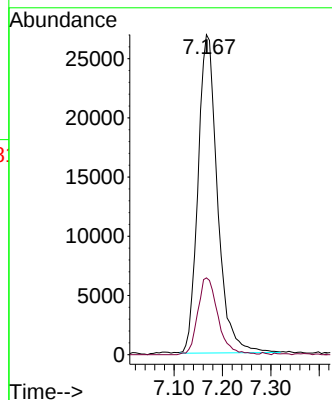
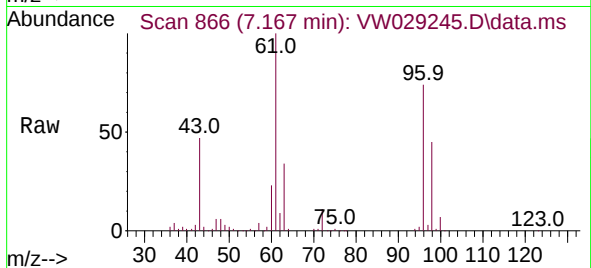
ClientSampleId :

Tgt Ion: 43 Resp: 75140

Ion Ratio Lower Upper

43 100

72 25.1 11.9 35.7



#23

Bromochloromethane

Concen: 25.496 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.006 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Tgt Ion: 128 Resp: 46111

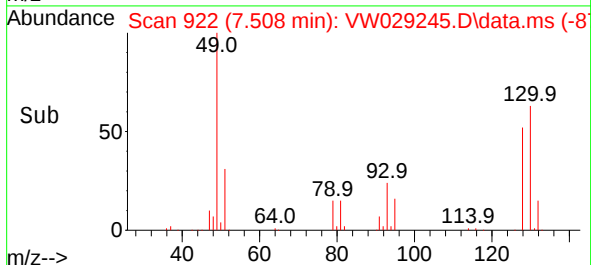
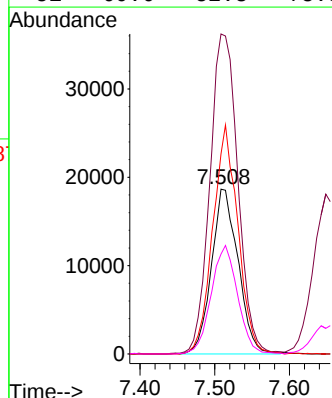
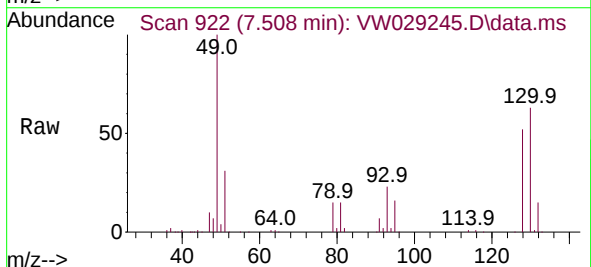
Ion Ratio Lower Upper

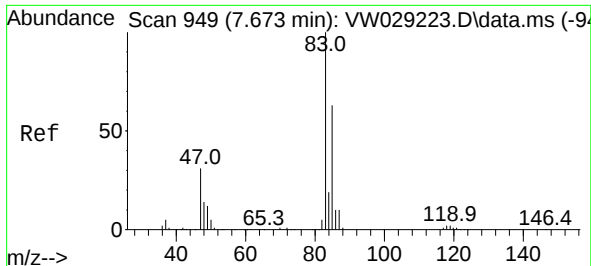
128 100

49 194.1 142.6 264.8

130 121.3 79.7 148.1

51 60.6 52.3 78.5





#25

Chloroform

Concen: 26.343 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

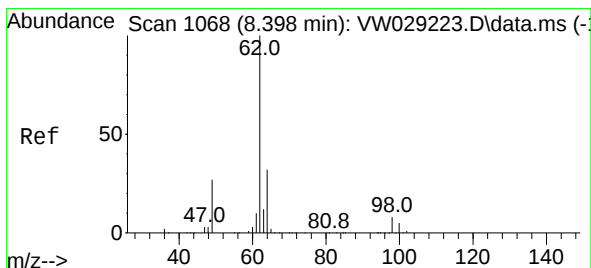
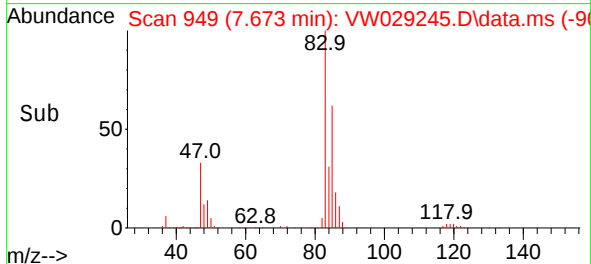
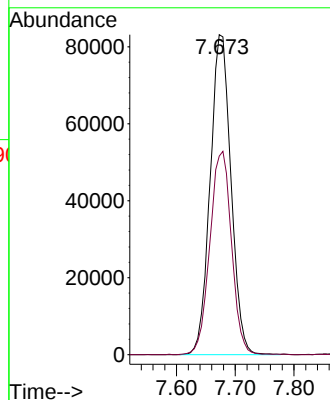
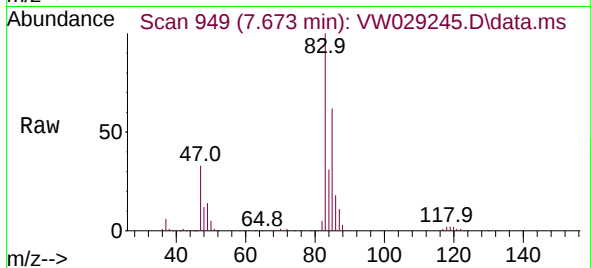
ClientSampleId :

Tgt Ion: 83 Resp: 204681

Ion Ratio Lower Upper

83 100

85 62.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 24.677 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029245.D

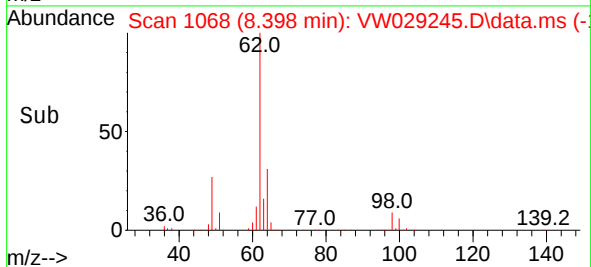
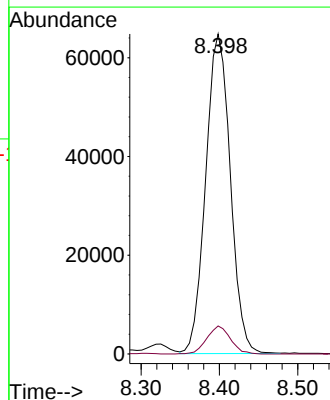
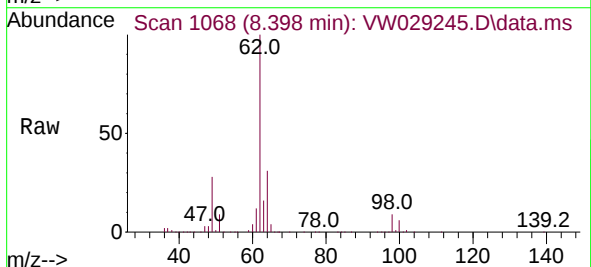
Acq: 20 Jun 2024 09:28

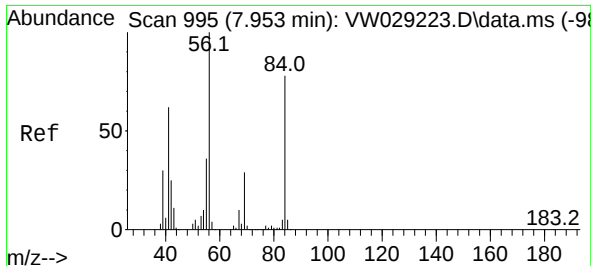
Tgt Ion: 62 Resp: 141414

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0





#29

Cyclohexane

Concen: 30.147 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

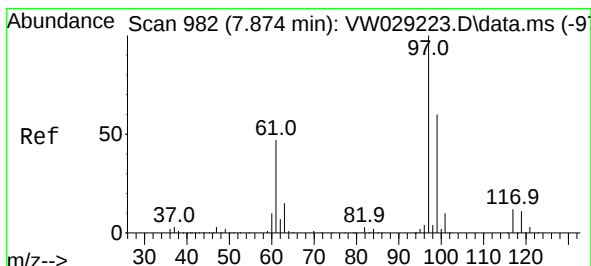
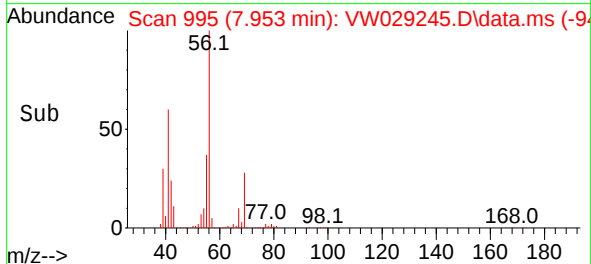
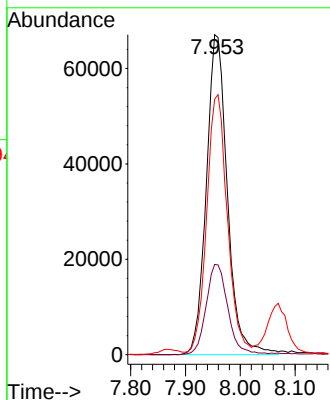
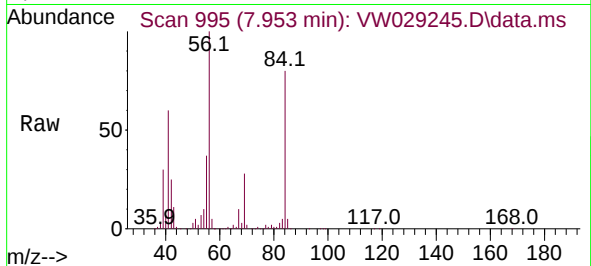
Tgt Ion: 56 Resp: 178899

Ion Ratio Lower Upper

56 100

69 28.9 23.4 35.0

84 79.6 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 28.263 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

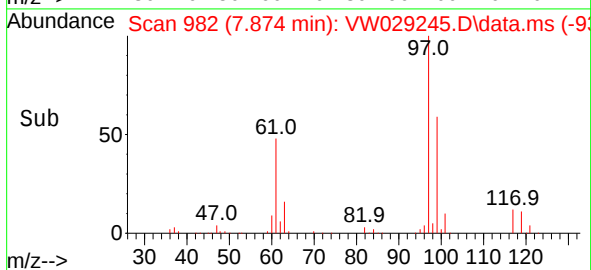
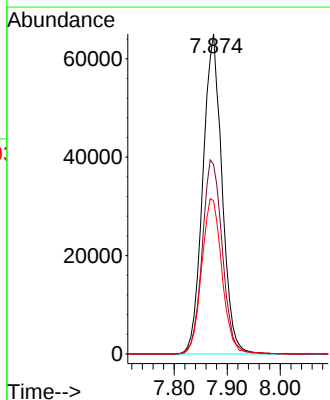
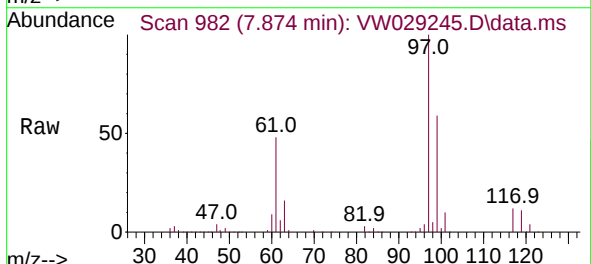
Tgt Ion: 97 Resp: 163137

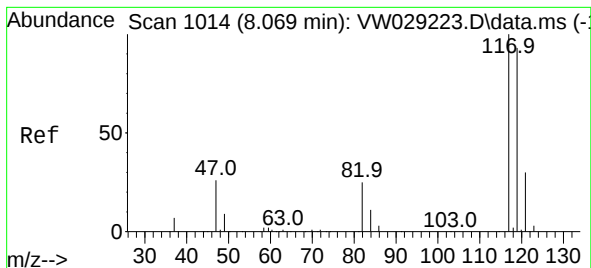
Ion Ratio Lower Upper

97 100

99 63.4 53.0 79.4

61 51.5 43.0 64.4





#31

Carbon tetrachloride

Concen: 27.562 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

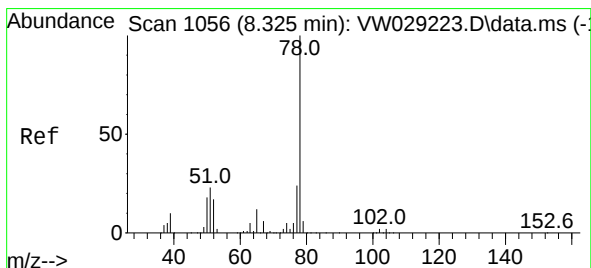
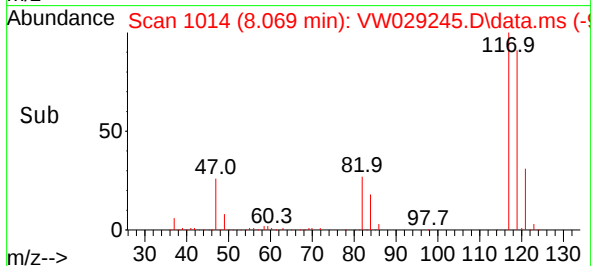
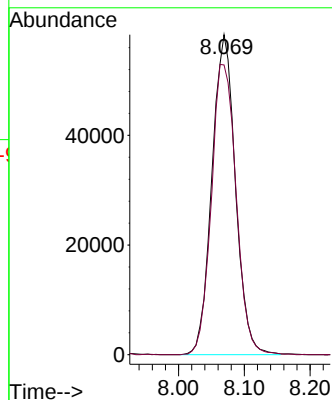
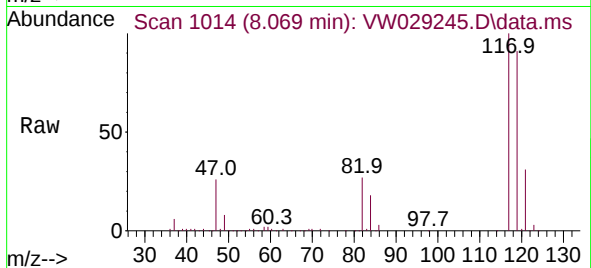
ClientSampleId :

Tgt Ion:117 Resp: 145329

Ion Ratio Lower Upper

117 100

119 95.6 79.0 118.4



#33

Benzene

Concen: 28.211 ug/L

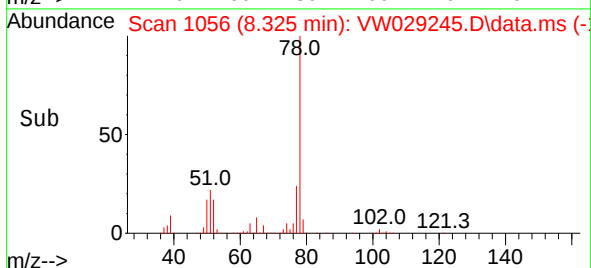
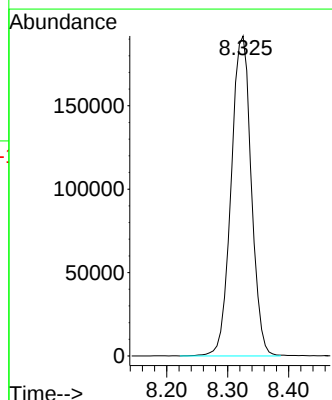
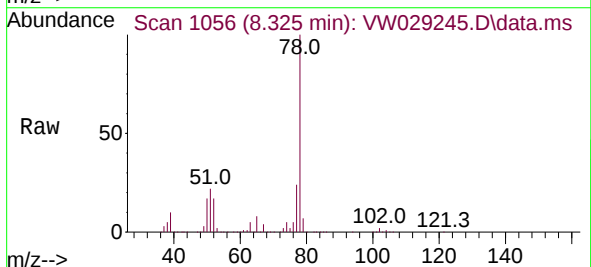
RT: 8.325 min Scan# 1056

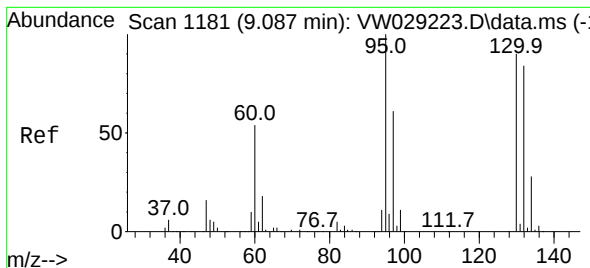
Delta R.T. 0.006 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Tgt Ion: 78 Resp: 440002





#34

Trichloroethene

Concen: 27.237 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 113334

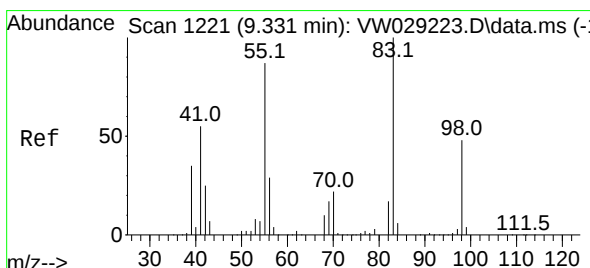
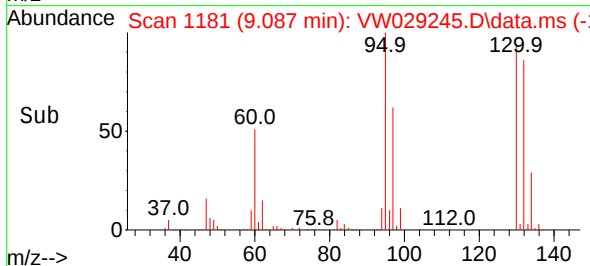
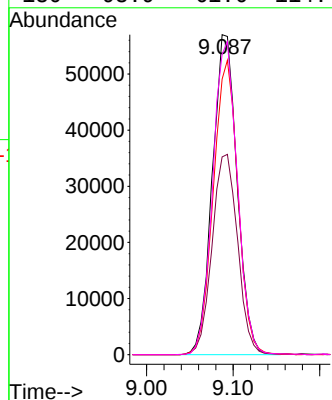
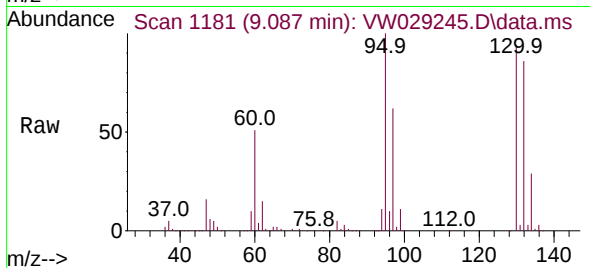
Ion Ratio Lower Upper

95 100

97 61.8 45.7 84.9

132 86.1 66.4 123.4

130 93.9 61.6 114.4



#35

Methylcyclohexane

Concen: 29.668 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

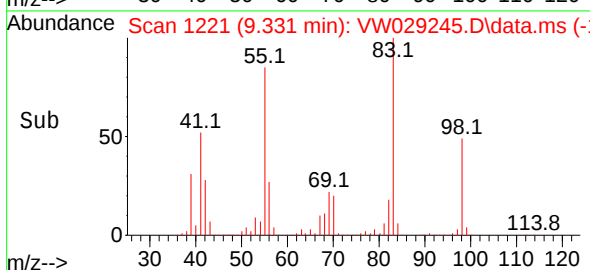
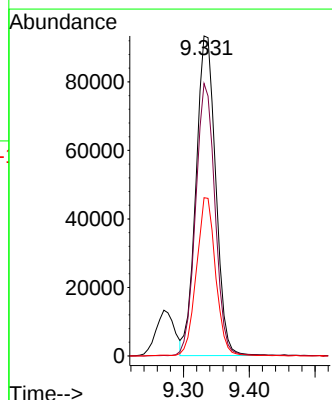
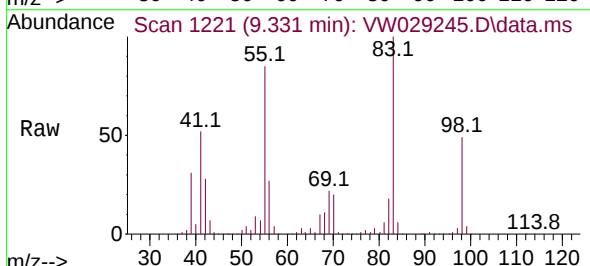
Tgt Ion: 83 Resp: 194149

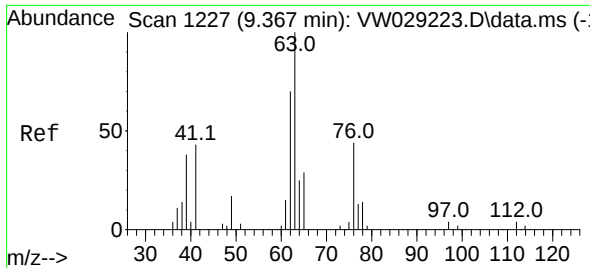
Ion Ratio Lower Upper

83 100

55 83.9 69.5 104.3

98 48.4 38.0 57.0





#37

1,2-Dichloropropane

Concen: 27.254 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

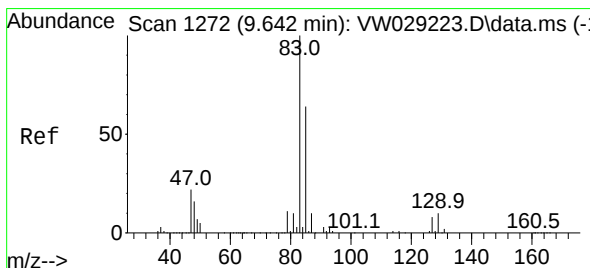
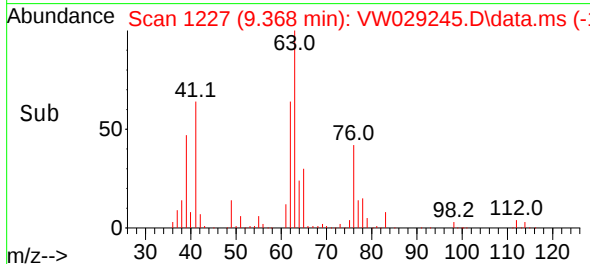
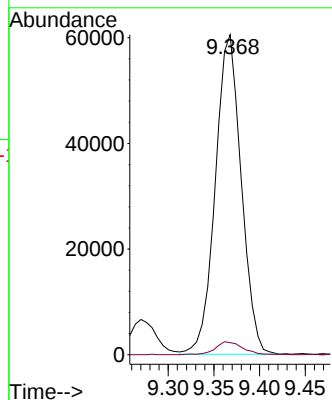
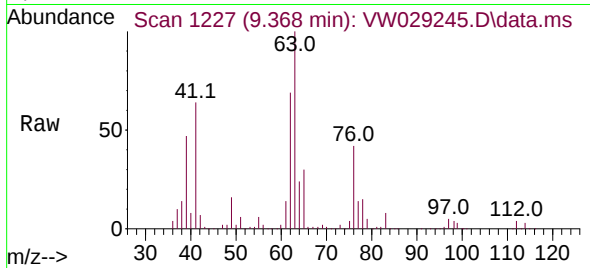
ClientSampleId :

Tgt Ion: 63 Resp: 119444

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 26.734 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

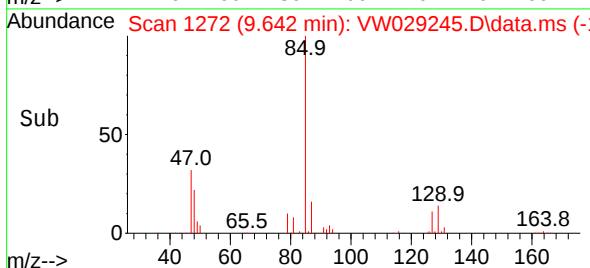
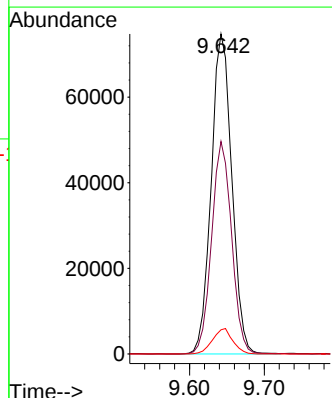
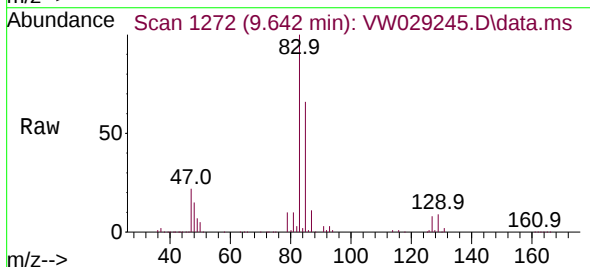
Tgt Ion: 83 Resp: 143252

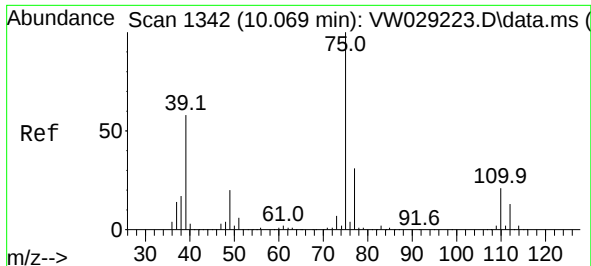
Ion Ratio Lower Upper

83 100

85 66.4 45.1 83.9

127 7.6 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 27.999 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

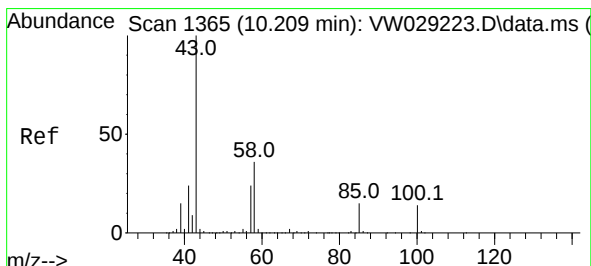
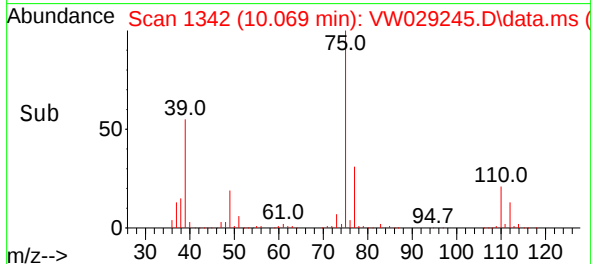
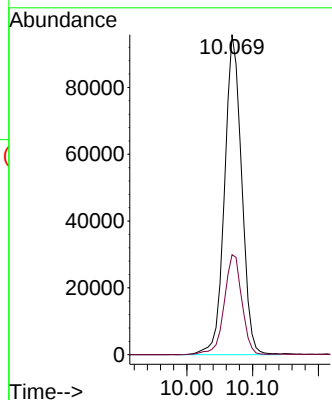
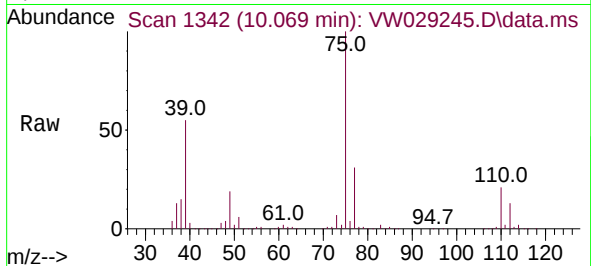
ClientSampleId :

Tgt Ion: 75 Resp: 173458

Ion Ratio Lower Upper

75 100

77 31.3 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 52.820 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

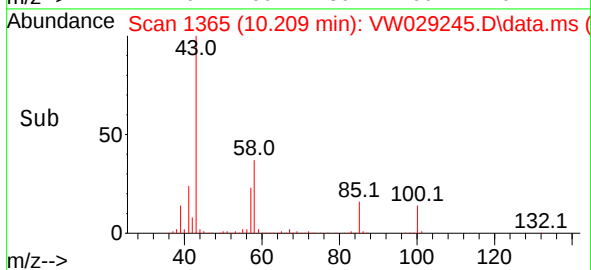
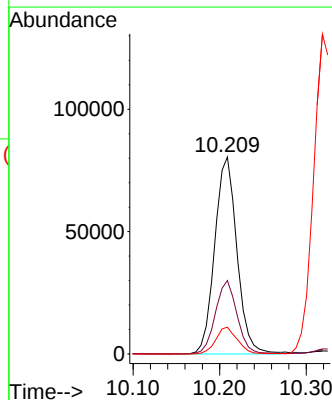
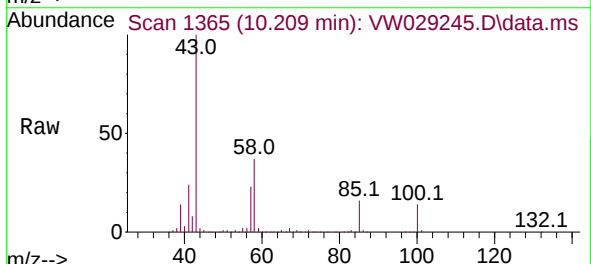
Tgt Ion: 43 Resp: 143477

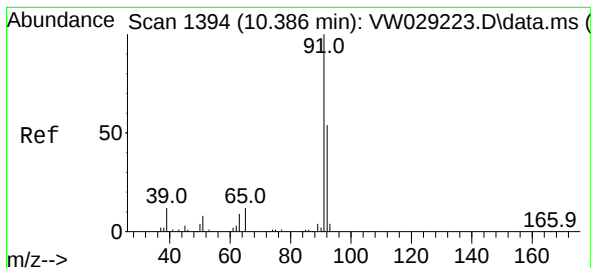
Ion Ratio Lower Upper

43 100

58 36.4 28.2 42.4

100 13.2 11.0 16.4





#42

Toluene

Concen: 29.028 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

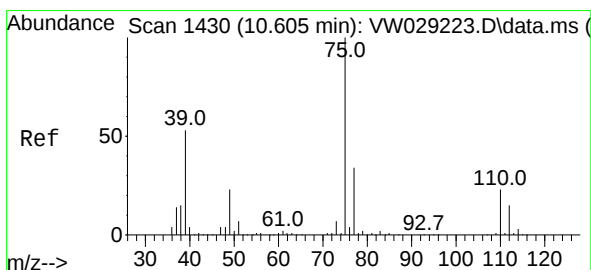
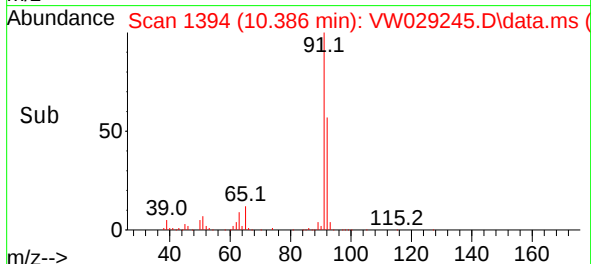
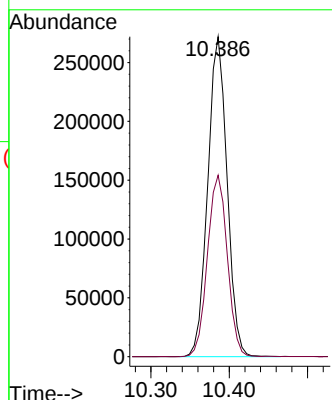
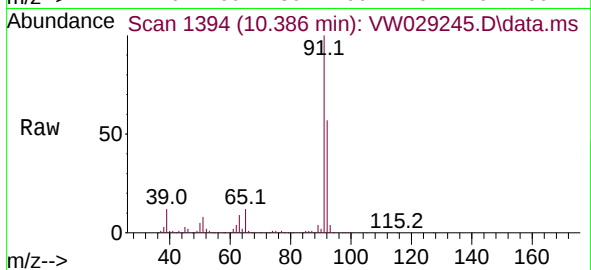
ClientSampleId :

Tgt Ion: 91 Resp: 465432

Ion Ratio Lower Upper

91 100

92 56.7 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 27.776 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029245.D

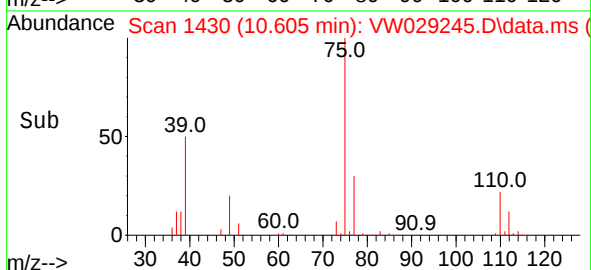
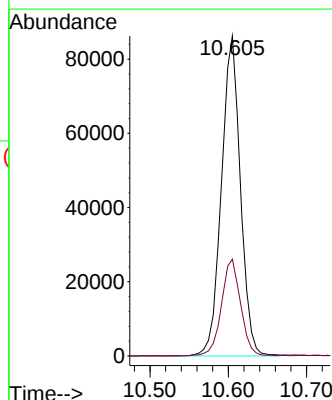
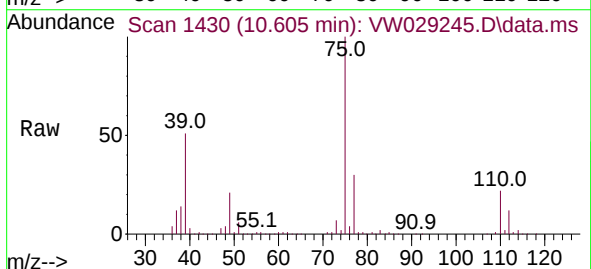
Acq: 20 Jun 2024 09:28

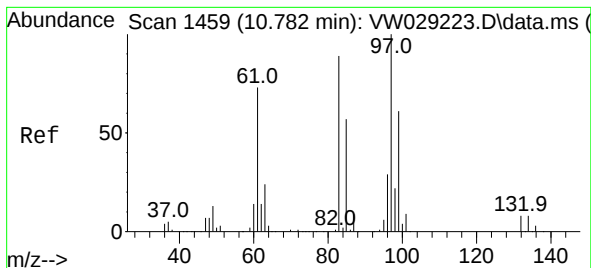
Tgt Ion: 75 Resp: 145298

Ion Ratio Lower Upper

75 100

77 30.3 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 26.082 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 79611

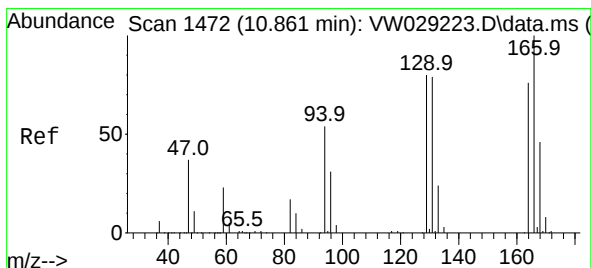
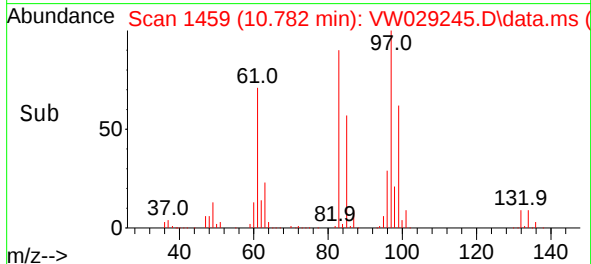
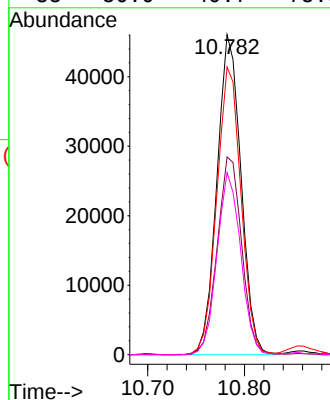
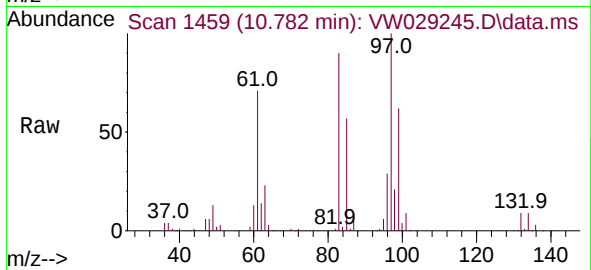
Ion Ratio Lower Upper

97 100

99 61.8 42.3 78.5

83 89.9 57.7 107.1

85 56.9 40.7 75.5



#46

Tetrachloroethene

Concen: 28.111 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Tgt Ion: 164 Resp: 81769

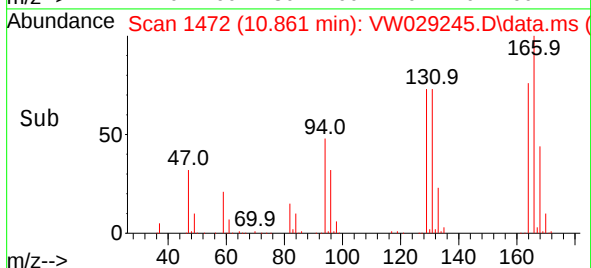
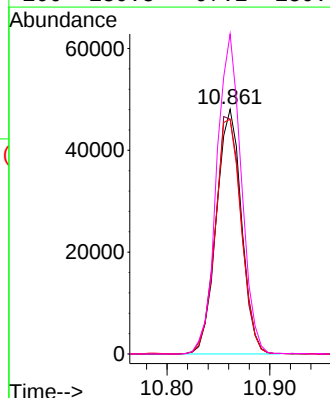
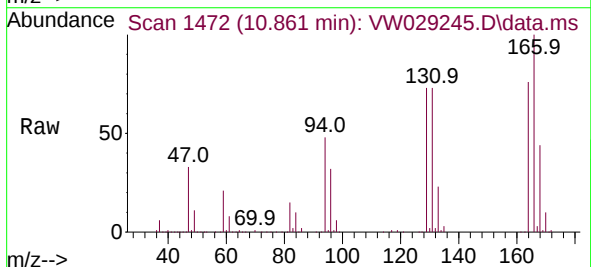
Ion Ratio Lower Upper

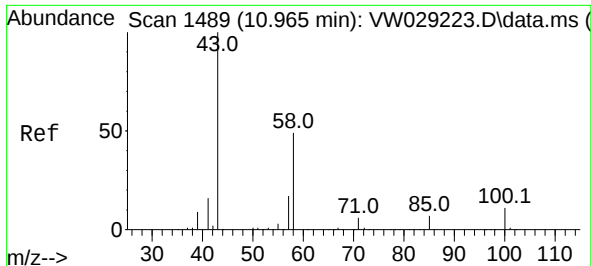
164 100

129 95.9 68.5 127.3

131 95.9 71.8 133.4

166 130.8 97.2 180.4

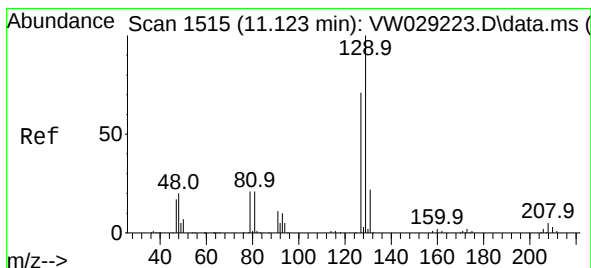
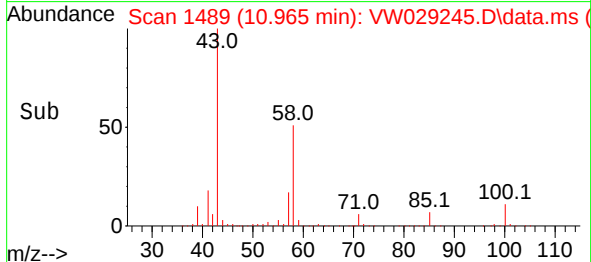
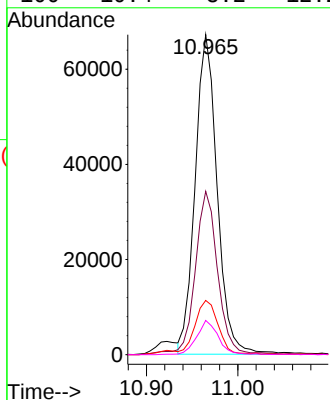
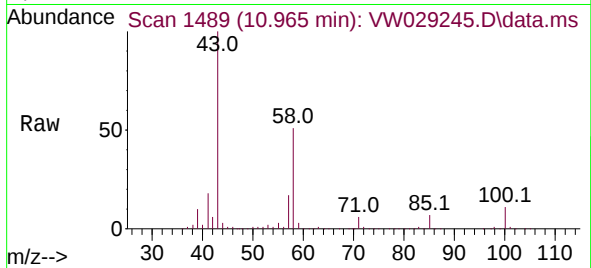




#48
2-Hexanone
Concen: 58.377 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

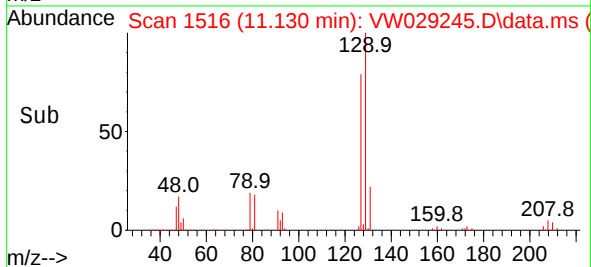
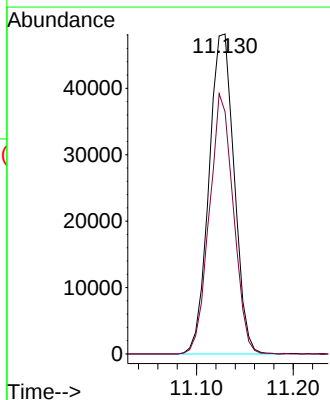
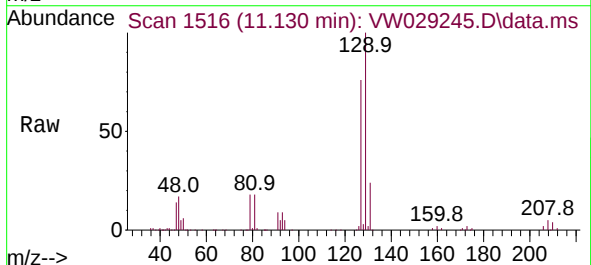
Instrument :
MSVOA_W
ClientSampleId :

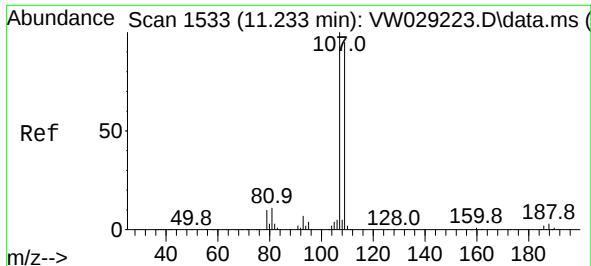
Tgt Ion:	43	Resp:	112519
Ion	Ratio	Lower	Upper
43	100		
58	49.1	39.6	59.4
57	17.8	14.6	21.8
100	10.4	8.2	12.2



#49
Dibromochloromethane
Concen: 27.375 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

Tgt Ion:	129	Resp:	87344
Ion	Ratio	Lower	Upper
129	100		
127	75.6	54.8	101.8





#50

1,2-Dibromoethane

Concen: 26.715 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029245.D

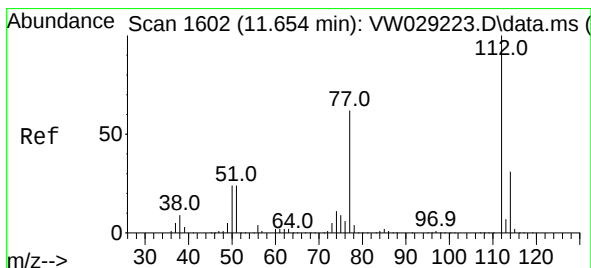
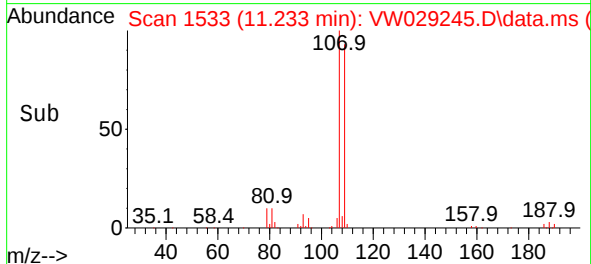
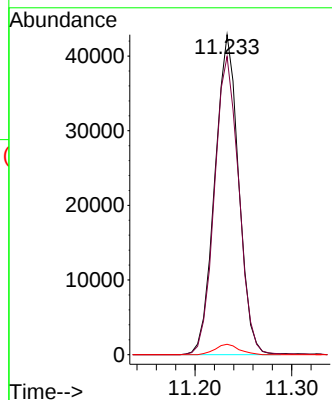
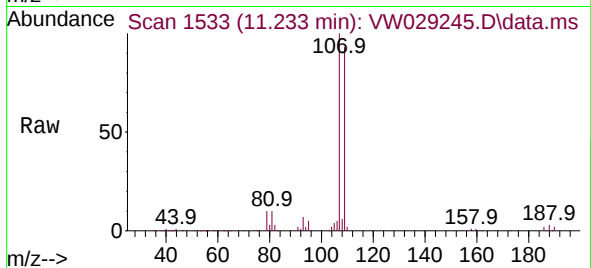
Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	73196
Ion Ratio	Lower	Upper
107	100	
109	93.2	65.5 121.6
188	3.3	2.6 4.0



#51

Chlorobenzene

Concen: 27.782 ug/L

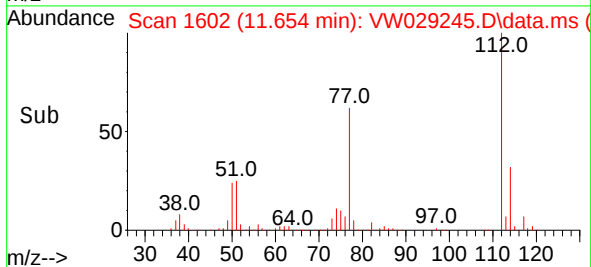
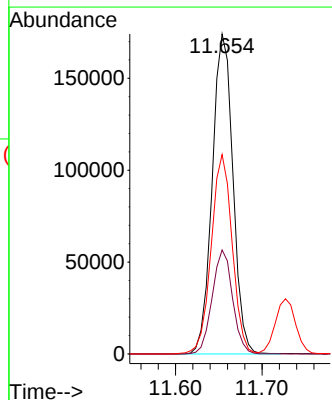
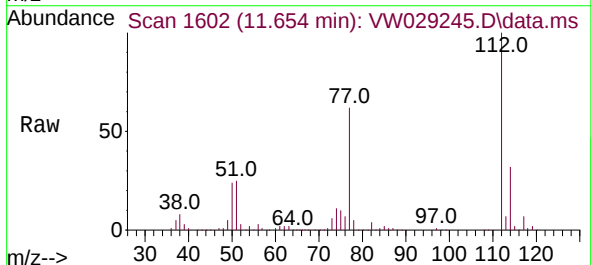
RT: 11.654 min Scan# 1602

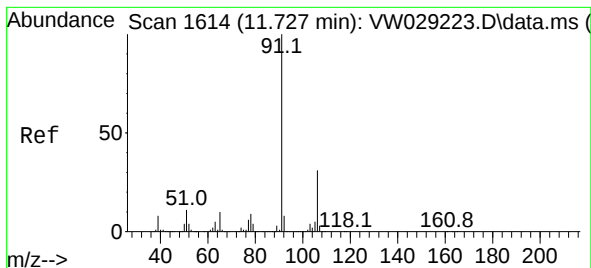
Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Tgt Ion:112	Resp:	289266
Ion Ratio	Lower	Upper
112	100	
114	32.5	22.6 42.0
77	62.3	51.0 76.6





#52

Ethylbenzene

Concen: 29.273 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

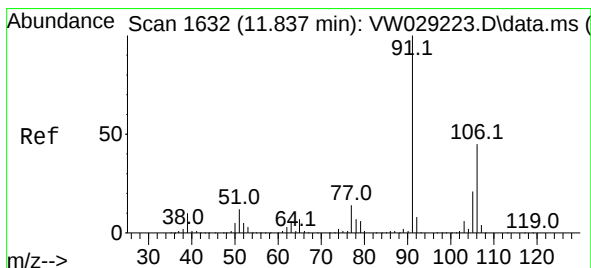
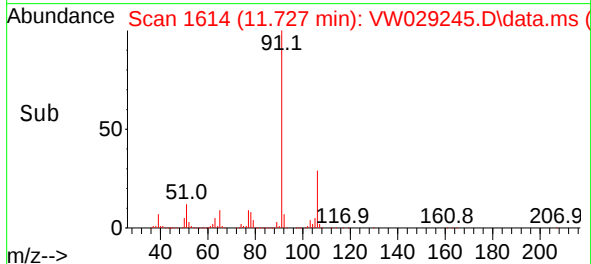
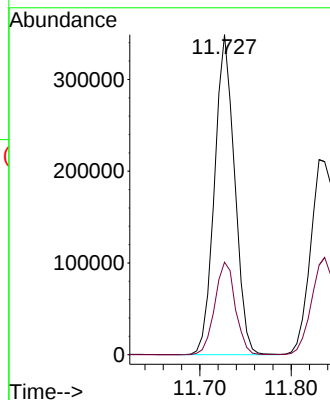
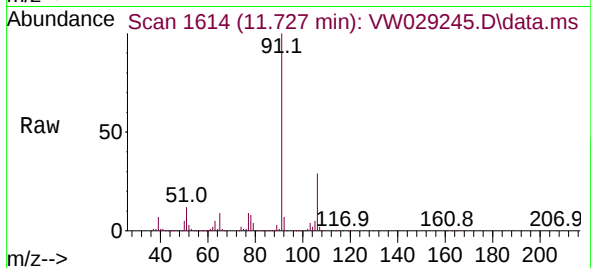
ClientSampleId :

Tgt Ion: 91 Resp: 532780

Ion Ratio Lower Upper

91 100

106 28.9 19.9 37.0



#53

m,p-Xylene

Concen: 29.558 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029245.D

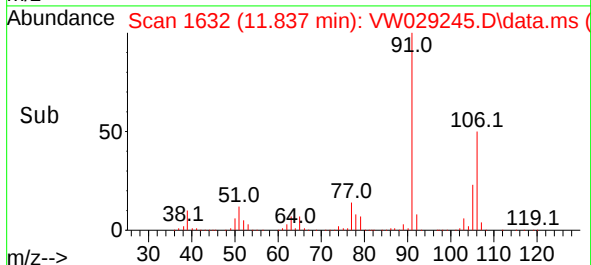
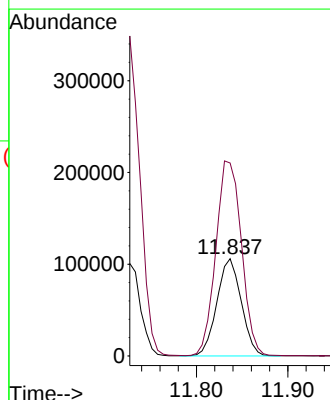
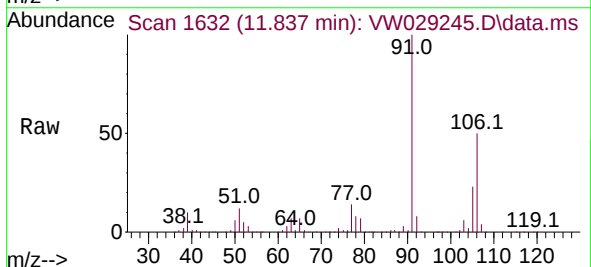
Acq: 20 Jun 2024 09:28

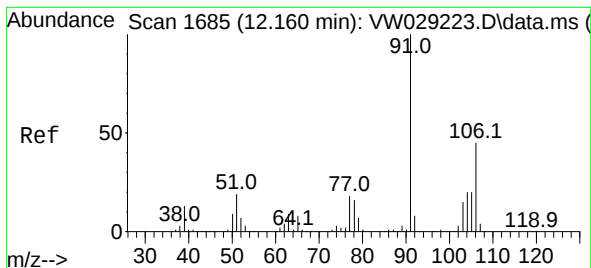
Tgt Ion:106 Resp: 196499

Ion Ratio Lower Upper

106 100

91 198.3 140.5 260.9

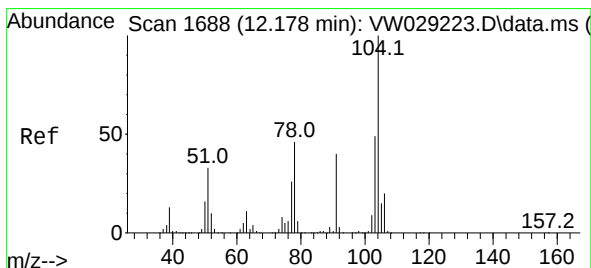
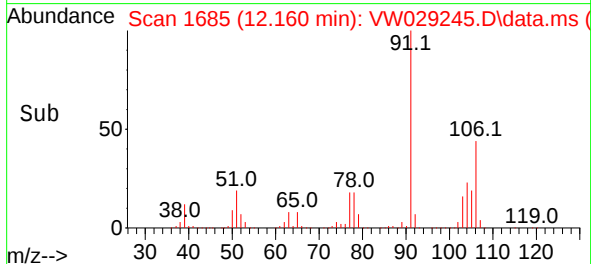
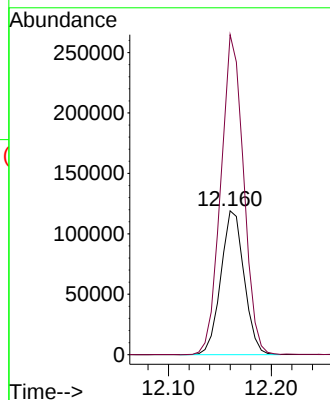
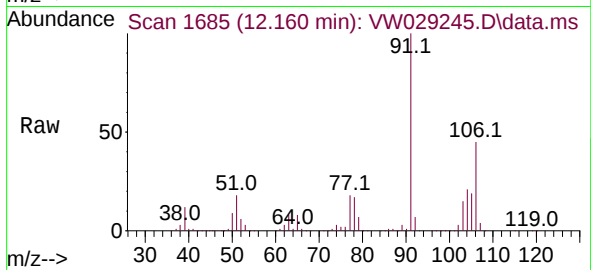




#54
o-Xylene
Concen: 30.123 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

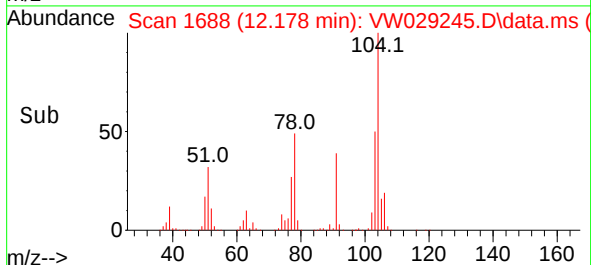
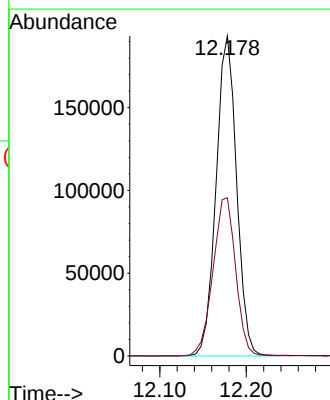
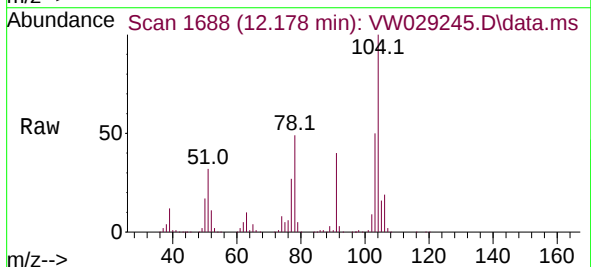
Instrument :
MSVOA_W
ClientSampleId :

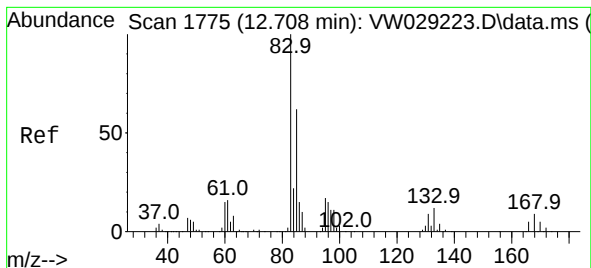
Tgt Ion:106 Resp: 187160
Ion Ratio Lower Upper
106 100
91 222.4 149.9 278.5



#55
Styrene
Concen: 29.332 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

Tgt Ion:104 Resp: 317754
Ion Ratio Lower Upper
104 100
78 49.4 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 26.087 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW029245.D

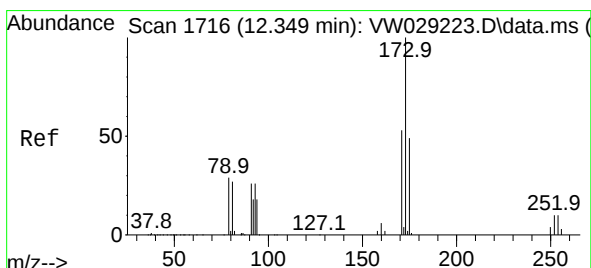
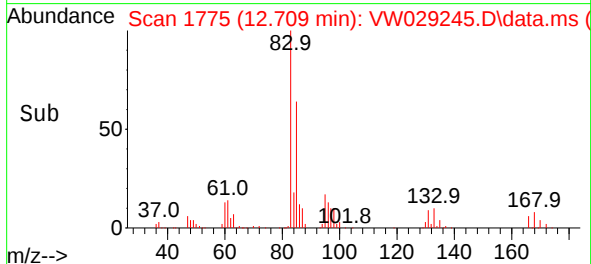
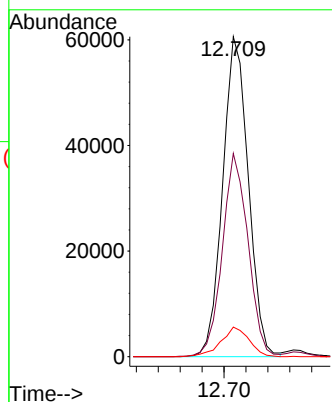
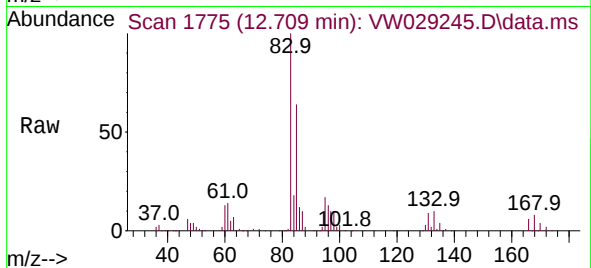
Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	98494
Ion Ratio	Lower	Upper	
83	100		
85	63.5	45.8	85.0
131	9.2	7.8	11.6



#59

Bromoform

Concen: 26.346 ug/L

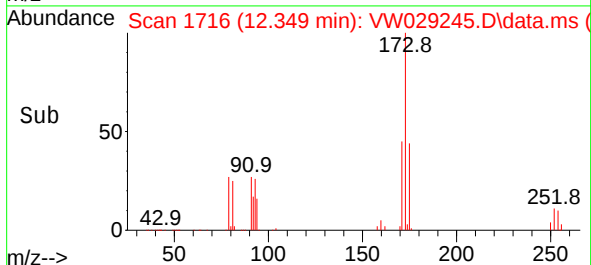
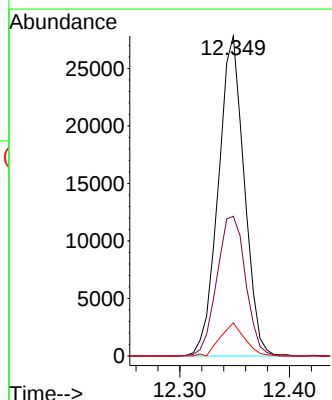
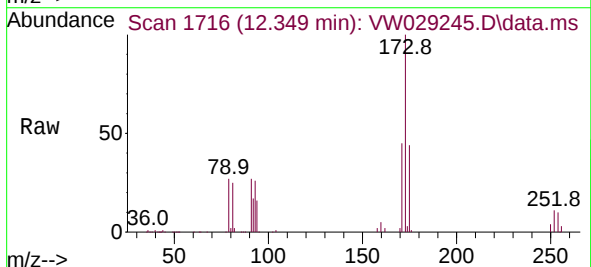
RT: 12.349 min Scan# 1716

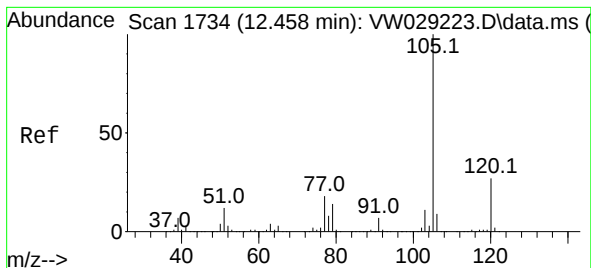
Delta R.T. 0.006 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Tgt Ion:	173	Resp:	45752
Ion Ratio	Lower	Upper	
173	100		
175	48.3	37.8	56.8
254	9.6	7.8	11.6





#60

Isopropylbenzene

Concen: 30.899 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

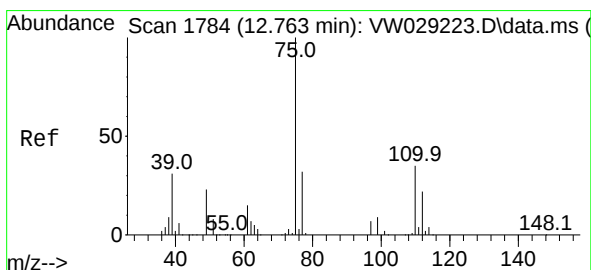
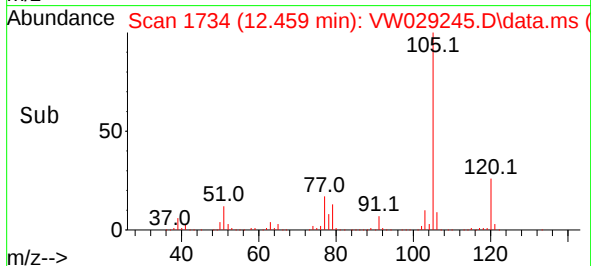
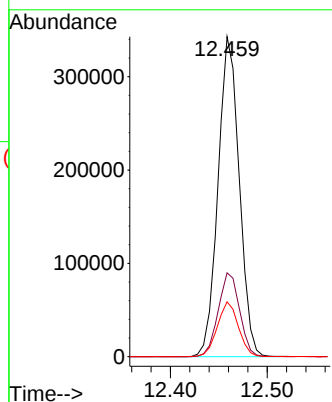
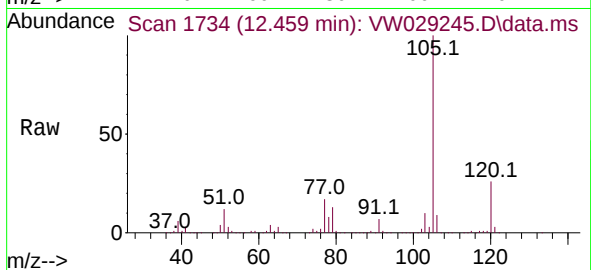
Tgt Ion:105 Resp: 521669

Ion Ratio Lower Upper

105 100

120 26.4 20.5 30.7

77 17.0 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 26.583 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

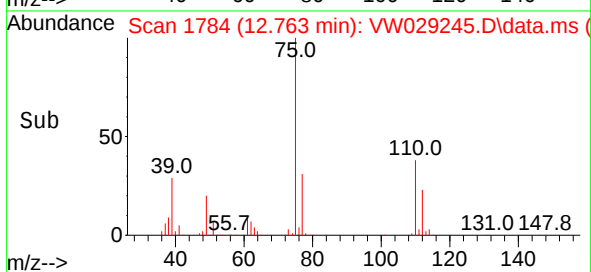
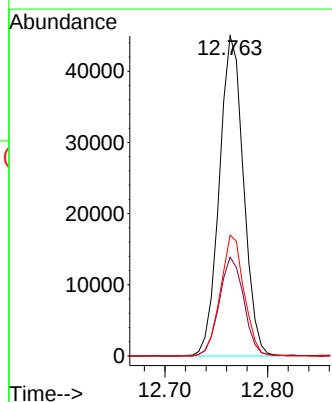
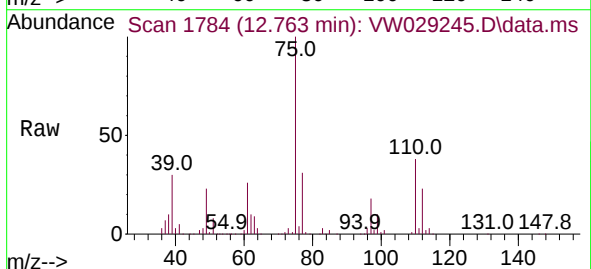
Tgt Ion: 75 Resp: 73466

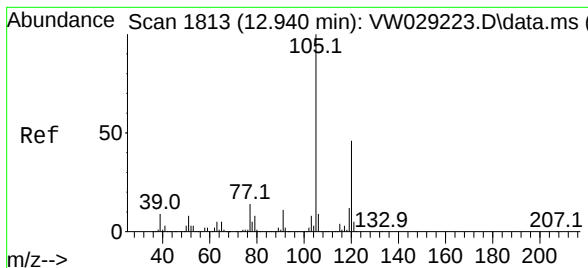
Ion Ratio Lower Upper

75 100

77 31.4 26.6 39.8

110 36.9 29.5 44.3

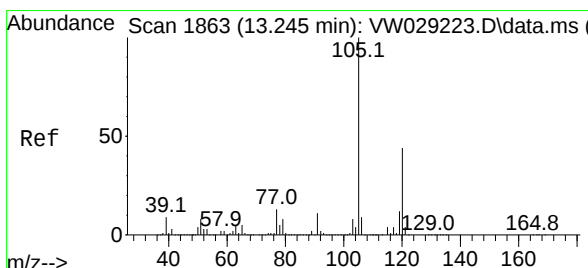
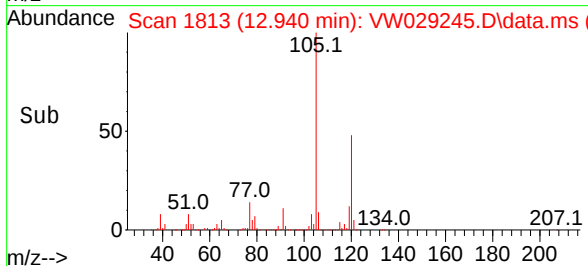
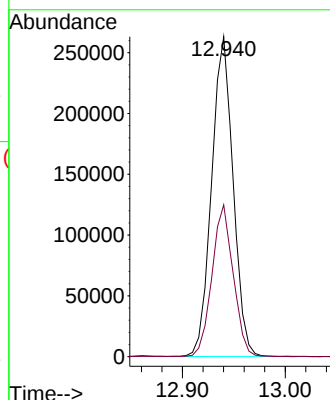
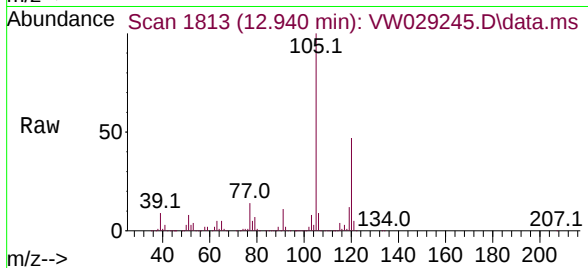




#62
1,3,5-Trimethylbenzene
Concen: 31.199 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

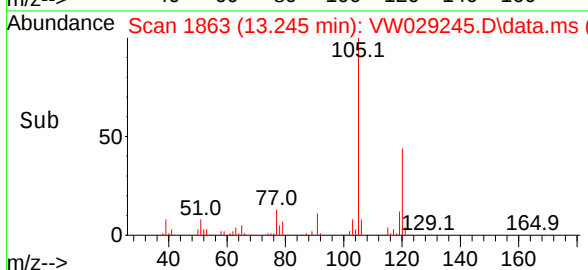
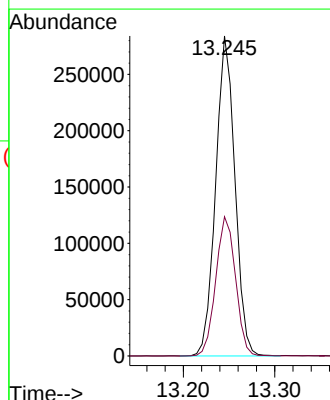
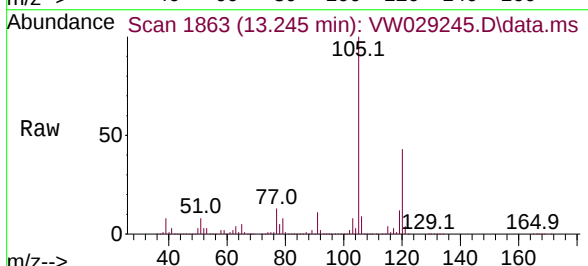
Instrument :
MSVOA_W
ClientSampleId :

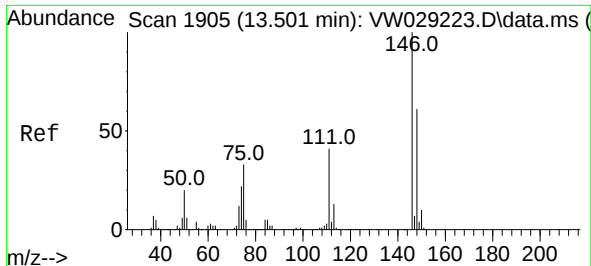
Tgt Ion:105 Resp: 381473
Ion Ratio Lower Upper
105 100
120 47.0 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 31.612 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

Tgt Ion:105 Resp: 415876
Ion Ratio Lower Upper
105 100
120 44.6 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 30.050 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

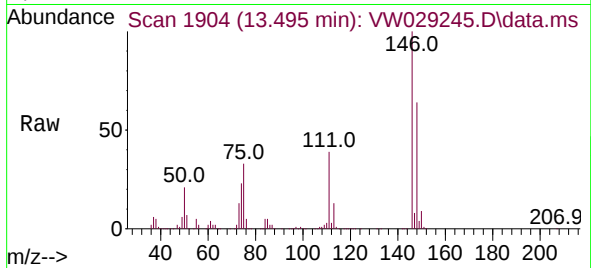
Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :



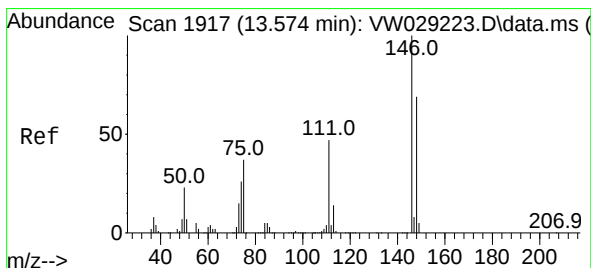
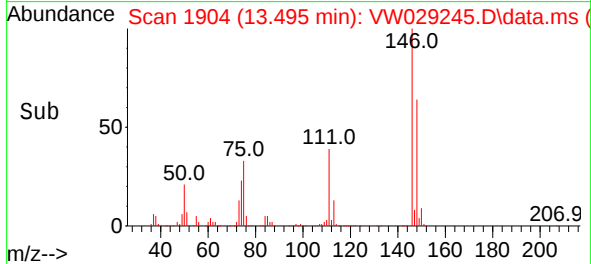
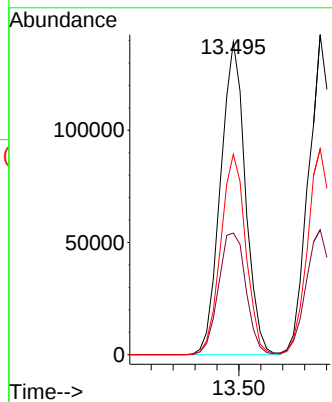
Tgt Ion:146 Resp: 219548

Ion Ratio Lower Upper

146 100

111 38.9 33.0 61.2

148 64.0 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 27.844 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

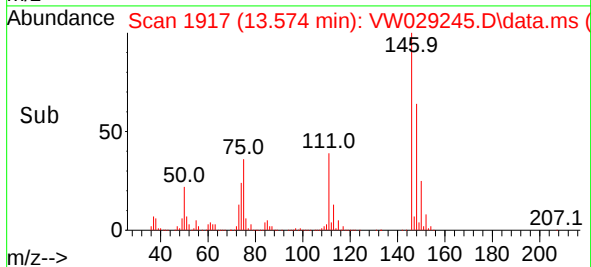
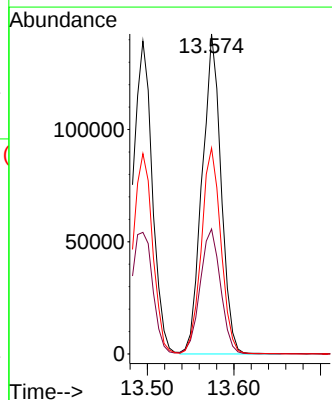
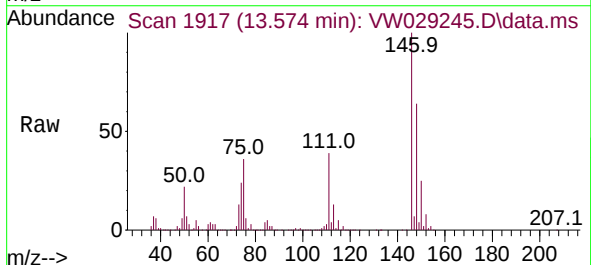
Tgt Ion:146 Resp: 216449

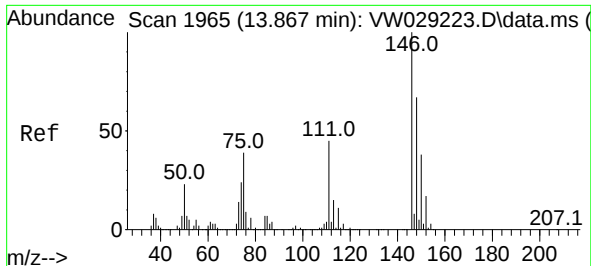
Ion Ratio Lower Upper

146 100

111 39.1 28.9 53.7

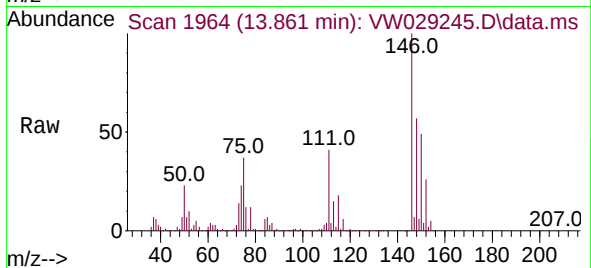
148 64.3 42.0 78.0



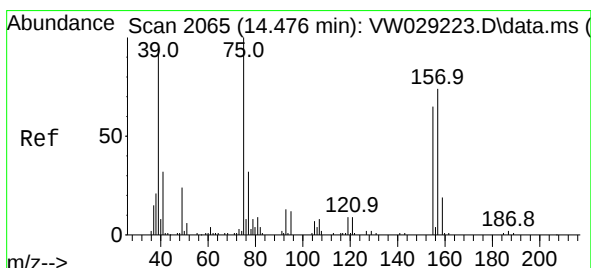
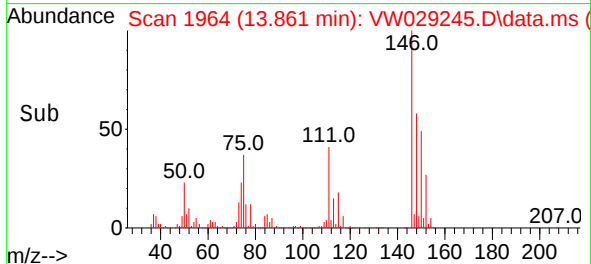
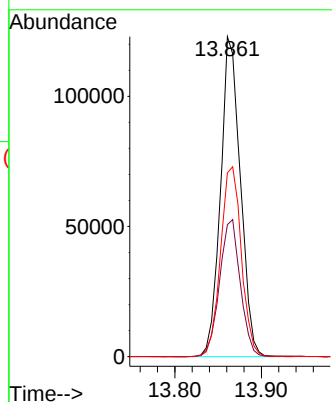


#67
1,2-Dichlorobenzene
Concen: 28.980 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

Instrument :
MSVOA_W
ClientSampleId :

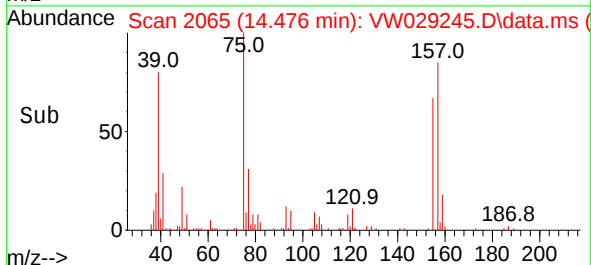
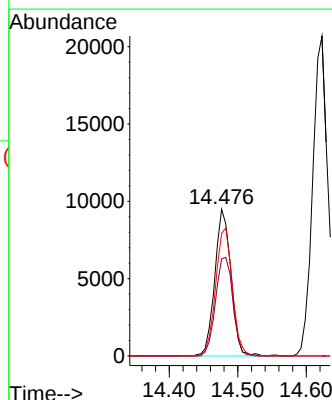
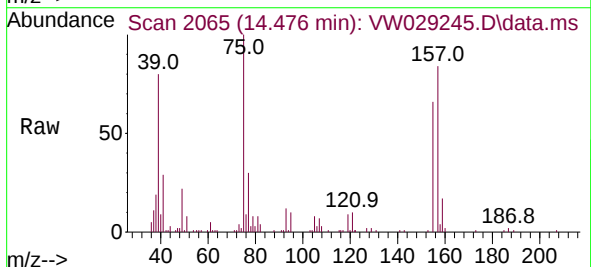


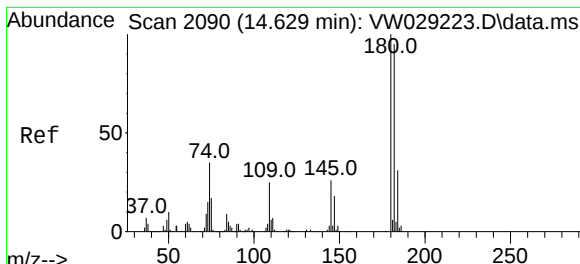
Tgt Ion:146 Resp: 195741
Ion Ratio Lower Upper
146 100
111 41.3 34.2 51.4
148 57.4 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.139 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

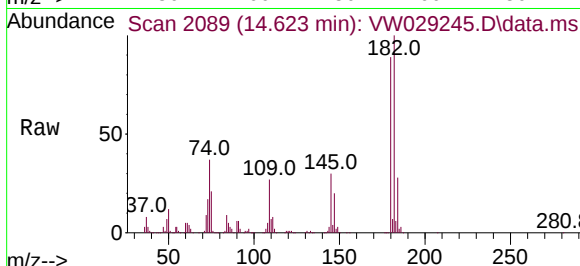
Tgt Ion: 75 Resp: 15568
Ion Ratio Lower Upper
75 100
155 66.2 51.0 76.6
157 83.6 58.8 88.2



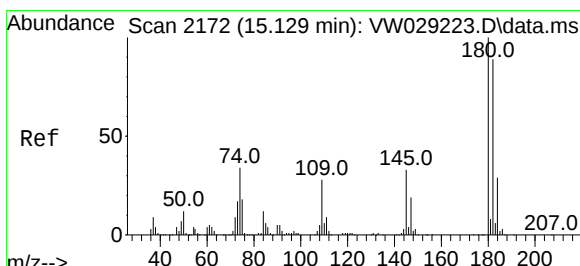
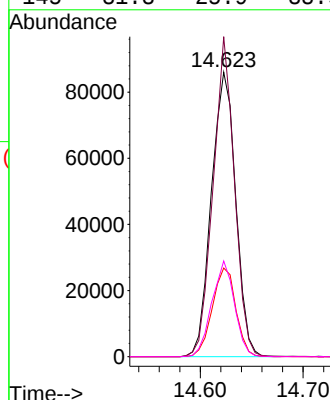
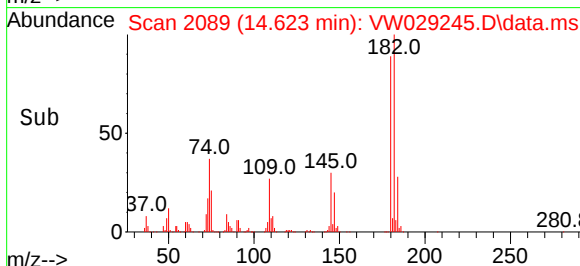


#69
1,3,5-Trichlorobenzene
Concen: 28.611 ug/L
RT: 14.623 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28

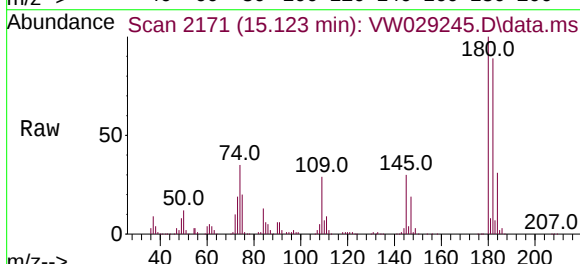
Instrument :
MSVOA_W
ClientSampleId :



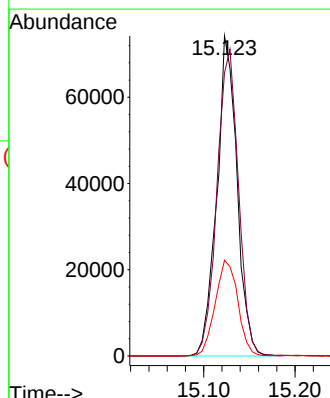
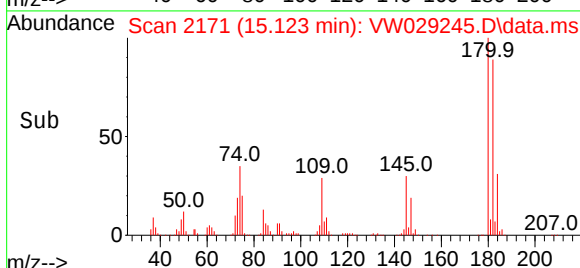
Tgt Ion:180 Resp: 141076
Ion Ratio Lower Upper
180 100
182 98.7 72.9 109.3
184 30.3 23.8 35.6
145 31.3 25.9 38.9

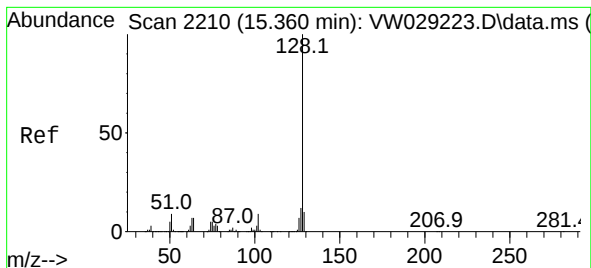


#70
1,2,4-trichlorobenzene
Concen: 28.674 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW029245.D
Acq: 20 Jun 2024 09:28



Tgt Ion:180 Resp: 114613
Ion Ratio Lower Upper
180 100
182 101.7 77.7 116.5
145 33.4 25.7 38.5





#71

Naphthalene

Concen: 29.354 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

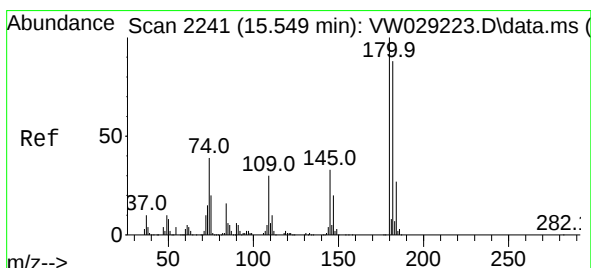
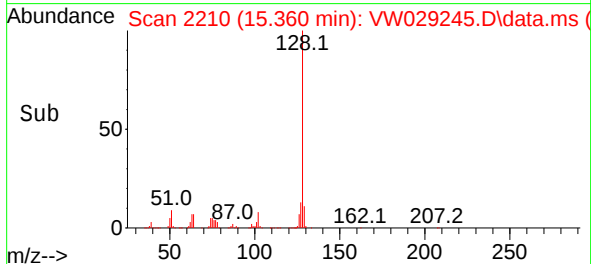
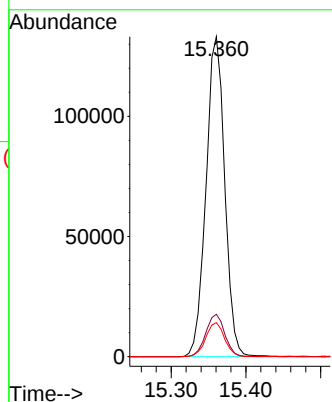
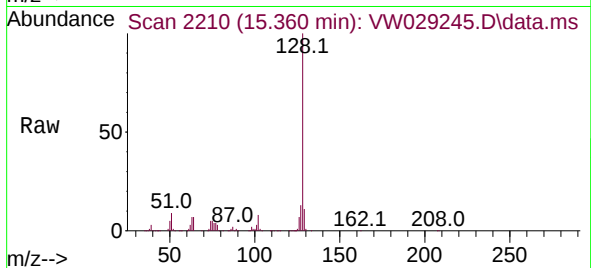
Tgt Ion:128 Resp: 231575

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 29.060 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW029245.D

Acq: 20 Jun 2024 09:28

Tgt Ion:180 Resp: 105838

Ion Ratio Lower Upper

180 100

182 96.1 73.0 109.6

145 34.1 28.1 42.1

